Changes for the Better

MITSUBISHI ELECTRIC

SPLIT-TYPE AIR CONDITIONERS

OUTDOOR UNIT

SERVICE MANUAL

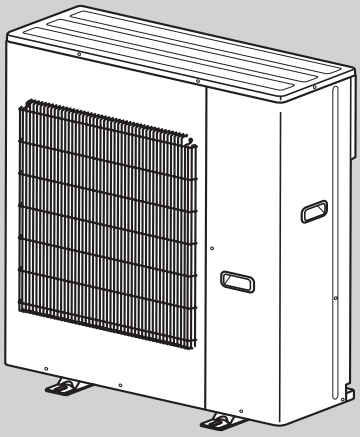
HFC utilized R410A

No. OBH694

Model

MXZ-6D120VA - A1

Indoor unit service manual
MSZ-EF•VA Series (OBH596)
MSZ-FB•VA Series (OBH503)
MSZ-GE•VA Series (OBH531))
MFZ-KA•VA Series (OB568)
MFZ-KJ•VE Series
SLZ-KA•VA Series (OC320)
SEZ-KD•VA(L) Series (HWE07110)
PLA-RP•BA Series (OCH416)
PCA-RP•KA Series (OCH454)



MXZ-6D120VA

CONTENTS

PARTS CATALOG (OBB694)

NOTE:
RoHS compliant products have <G> mark on the spec name plate.

Use the specified refrigerant only

Never use any refrigerant other than that specified.

Doing so may cause a burst, an explosion, or fire when the unit is being used, serviced, or disposed of.
Correct refrigerant is specified in the manuals and on the spec labels provided with our products.
We will not be held responsible for mechanical failure, system malfunction, unit breakdown or accidents caused by failure to follow the instructions.

<Preparation before the repair service>

- Prepare the proper tools.
- Prepare the proper protectors.
- Provide adequate ventilation.
- After stopping the operation of the air conditioner, turn off the power-supply breaker and remove the power plug.
- Discharge the capacitor before the work involving the electric parts.

<Precautions during the repair service>

- Do not perform the work involving the electric parts with wet hands.
- Do not pour water into the electric parts.
- Do not touch the refrigerant.
- Do not touch the hot or cold areas in the refrigeration cycle.
- When the repair or the inspection of the circuit needs to be done without turning off the power, exercise great caution not to touch the live parts.

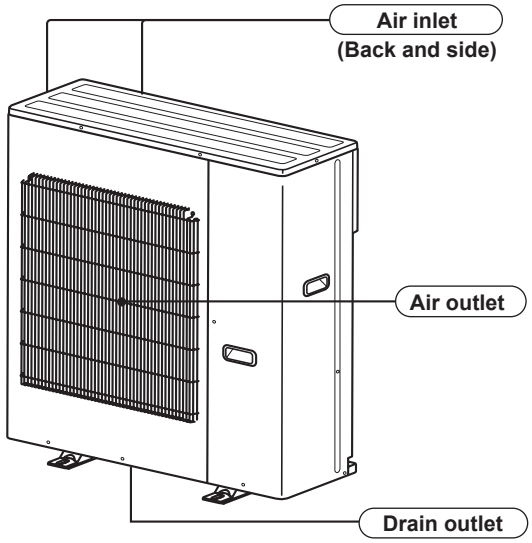
1 TECHNICAL CHANGES

MXZ-6D120VA

1. New model

2 PART NAMES AND FUNCTIONS

MXZ-6D120VA



ACCESSORIES

①	Drain socket	1

3 SPECIFICATION

	Outdoor model		**MXZ-6D120VA**	
	Outdoor unit power supply		Single phase 230 V, 50 Hz	
System	Indoor units number		2 to 6	
	Piping total length		Max. 80	
	Connecting pipe length	m	Max. 25	
	Height difference (Indoor ~ Outdoor)	m	Refer to 7 REFRIGERANT SYSTEM DIAGRAM.	
	Height difference (Indoor ~ Indoor)	m	Refer to 7 REFRIGERANT SYSTEM DIAGRAM.	
	Function		Cooling	Heating
Capacity	Capacity [Rated (Min. - Max.) Hz	kW	12.0 (3.5 - 13.5)	13.5 (3.5 - 16.5)
	Dehumidification	ℓ/h	—	—
	Outdoor air flow	m^3 /h	3,552	4,170
✻2 Electrical data	Breaker capacity	A	32	
	Running current ✻1	A	15.9	16.5
	Power input ✻1	W	3,610	3,750
	Power factor ✻1	%	99	
	Starting current ✻1	A	16.5	
	Compressor motor current	A	14.98	15.47
	Fan motor current	A	0.30	0.40
Coefficient of performance (C.O.P) ✻1			3.32	3.60
Compressor	Model		TNB306FPGM2	
	Output	W	3,300	
	Winding resistance (at 20 °C)	Ω	U-V 0.53 V-W 0.53 W-U 0.53	
Fan motor	Model		SIC-81FW-D888	
	Dimensions W x H x D	mm	900 x 1,070 x 320	
	Weight	kg	87	
Special remarks	Sound level	dB	53	57
	Fan speed	rpm	630	730
	Refrigerant filling capacity (R410A)	kg	4.8	
	Refrigeration oil (Model)	L	1.07 (FV50S)	

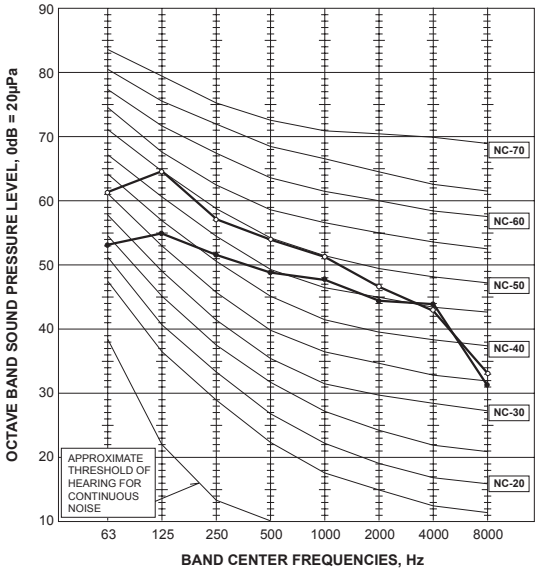
NOTE: Test conditions are based on AS/NZS3823.1.1. (Refrigerant piping length (one way): 7.5 m)
✻1 Measured under rated operating frequency.

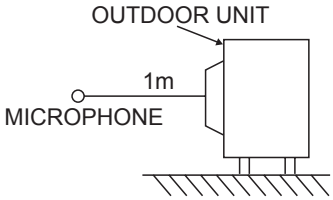
COOLING	INDOOR	Dry-bulb temperature	27.0°C	Wet-bulb temperature	19.0°C
	OUTDOOR	Dry-bulb temperature	35.0°C	Wet-bulb temperature	24.0°C
HEATING	INDOOR	Dry-bulb temperature	20.0°C		
	OUTDOOR	Dry-bulb temperature	7.0°C	Wet-bulb temperature	6.0°C

4 NOISE CRITERIA CURVES

MXZ-6D120VA

FAN SPEED	FUNCTION	SPL(dB)	LINE
High	Cooling	53	●—●
High	Heating	57	○—○



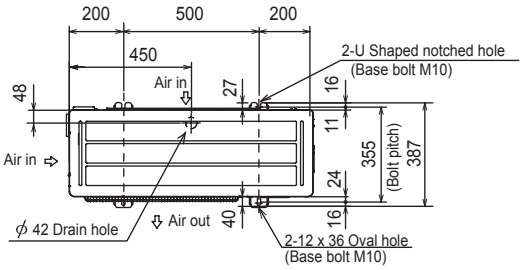


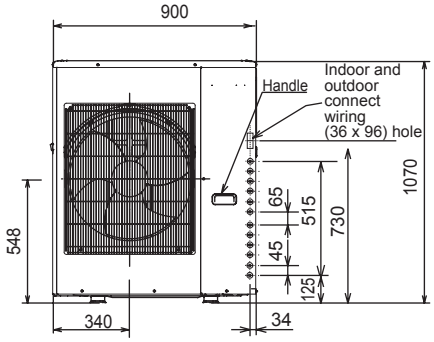
Test conditions
Cooling :Dry-bulb temperature 35°C Wet-bulb temperature 24°C
Heating :Dry-bulb temperature 7°C Wet-bulb temperature 6°C

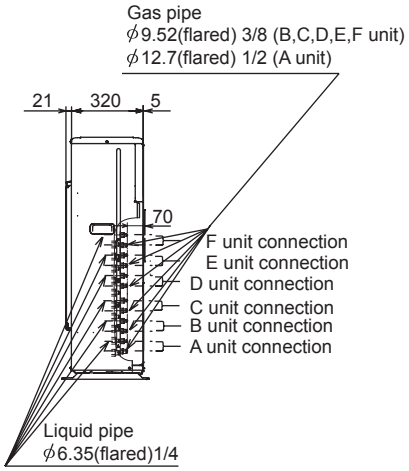
5 OUTLINES AND DIMENSIONS

MXZ-6D120VA

Unit: mm

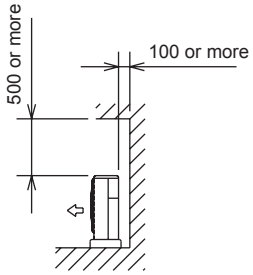




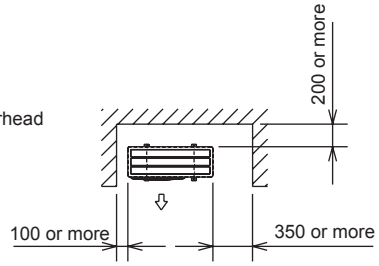


1.Installation space

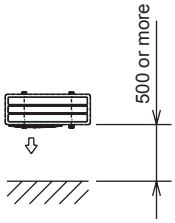
Note : Leave front and both sides free of obstruction.



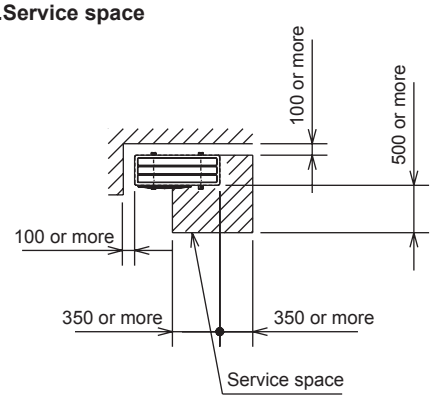
Note : Leave front and overhead free of obstruction.



Note : Leave rear, overhead and both sides free of obstruction.

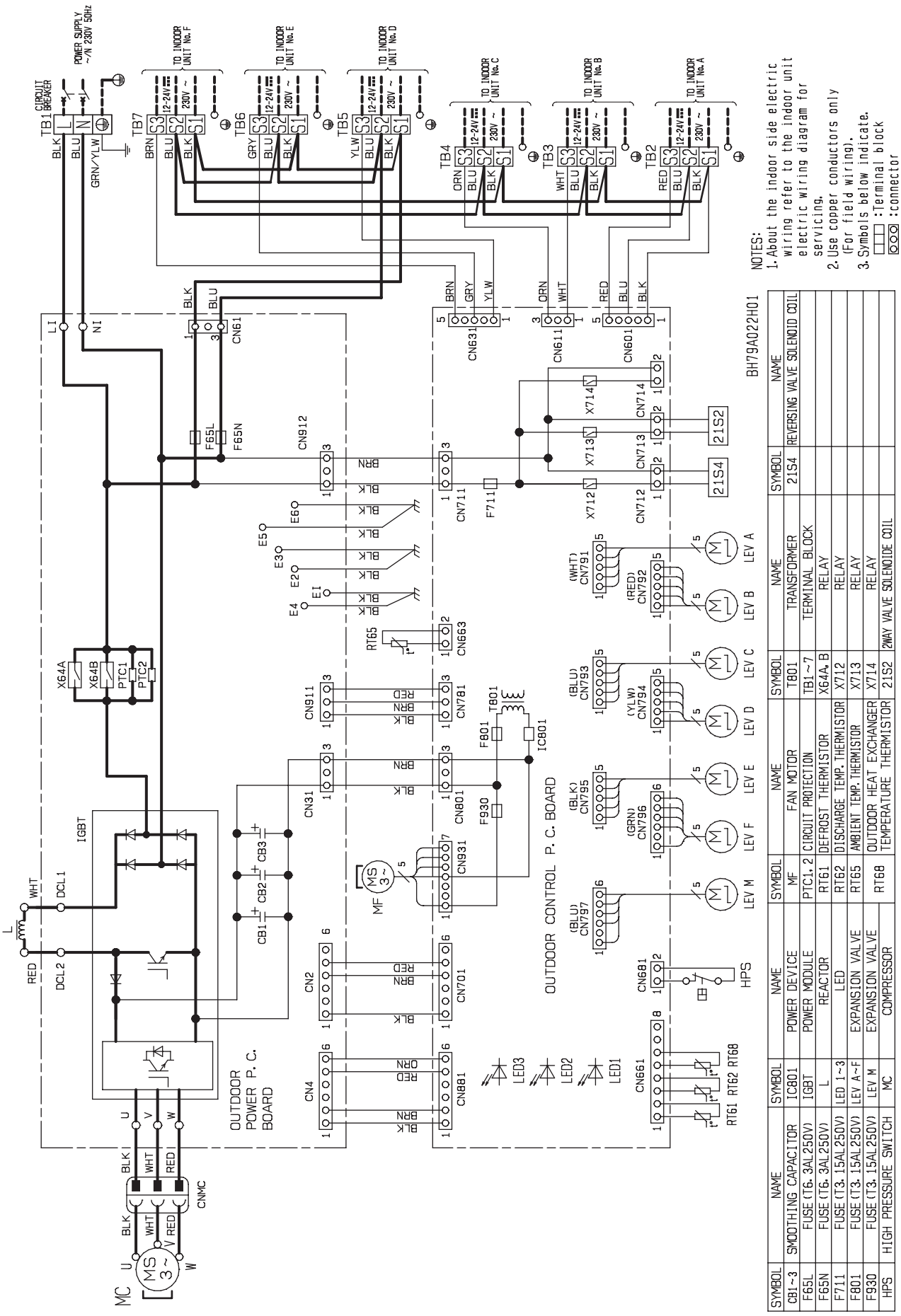


2.Service space



6 WIRING DIAGRAM

MXZ-6D120VA



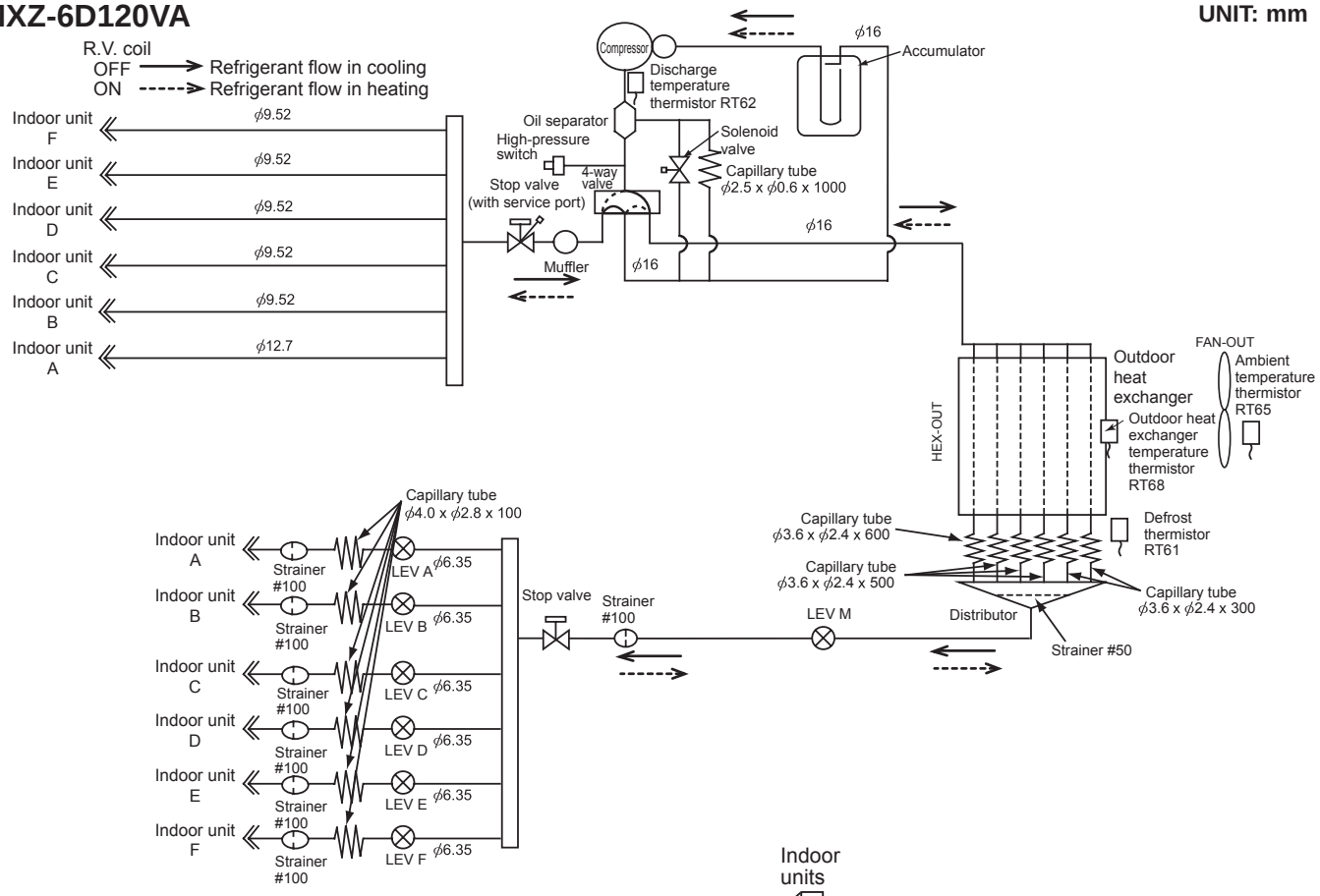
NOTES:
1. About the indoor side electric wiring refer to the indoor unit electric wiring diagram for servicing.
2. Use copper conductors only (For field wiring).
3. Symbols below indicate.
□□□ :Terminal block
○○○ :connector

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1~3	SMOOTHING CAPACITOR	IC801	POWER DEVICE	MF	FAN MOTOR	T801	TRANSFORMER
F65L	FUSE(T6.3AL250V)	IGBT	POWER MODULE	PTC1,2	CIRCUIT PROTECTION	TB1~7	TERMINAL BLOCK
F65N	FUSE(T6.3AL250V)	L	REACTOR	RT61	DEFROST THERMISTOR	X64A,B	RELAY
F711	FUSE(T3.15AL250V)	LED 1~3	LED	RT62	DISCHARGE TEMP.THERMISTOR	X712	RELAY
F801	FUSE(T3.15AL250V)	LEV A~F	EXPANSION VALVE	RT65	AMBIENT TEMP.THERMISTOR	X713	RELAY
F930	FUSE(T3.15AL250V)	LEV M	EXPANSION VALVE	RT68	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	X714	RELAY
HPS	HIGH PRESSURE SWITCH	MC	COMPRESSOR			21S2	2WAY VALVE SOLENOID COIL
						21S4	REVERSING VALVE SOLENOID COIL

7 REFRIGERANT SYSTEM DIAGRAM

MXZ-6D120VA

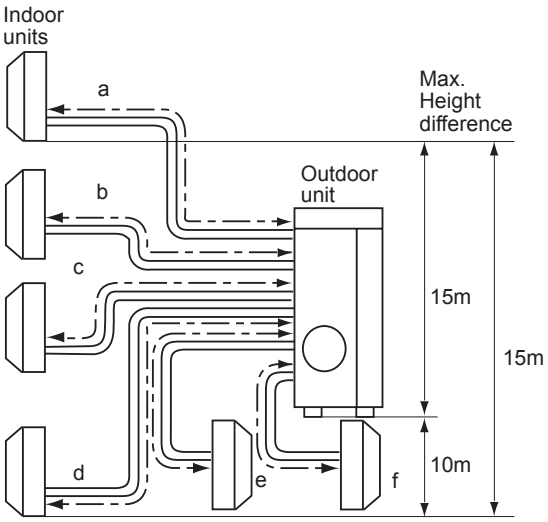
UNIT: mm



MAX REFRIGERANT PIPING LENGTH

Piping length each indoor unit (a, b, c, d, e, f)	25m
Total piping length (a+b+c+d+e+f)	80m
Bending point for each unit	25
Total bending point	80

✻It is irrelevant which unit is higher.



ADDITIONAL REFRIGERANT CHARGE

Outdoor unit precharged (g)	Refrigerant piping length (one way, 6 unit total)				
	40m	50m	60m	70m	80m
4,800	0	0	0	200	400

Calculation : Xg = 20 g/m x (Refrigerant piping length (m) - 60)

- Refrigerant pipe diameter is different according to indoor unit to be connected.
  For the diameter of connection pipe of the indoor unit, refer to the indoor unit installation manual.
- When diameter of refrigerant pipe is different from that of outdoor unit union, use optional Different-diameter pipe.
  For further information on Different-diameter pipe, refer to "PARTS CATALOG".

UNIT: mm (inch)

Outdoor unit union diameter		
For		
Indoor unit A	Liquid	6.35(1/4)
	Gas	12.7(1/2)
Indoor unit B	Liquid	6.35(1/4)
	Gas	9.52(3/8)
Indoor unit C	Liquid	6.35(1/4)
	Gas	9.52(3/8)

Outdoor unit union diameter		
For		
Indoor unit D	Liquid	6.35(1/4)
	Gas	9.52(3/8)
Indoor unit E	Liquid	6.35(1/4)
	Gas	9.52(3/8)
Indoor unit F	Liquid	6.35(1/4)
	Gas	9.52(3/8)

PUMPING DOWN

When relocating or disposing of the air conditioner, pump down the system following the procedure below so that no refrigerant is released into the atmosphere.

1) Turn off the breaker.
2) Connect the gauge manifold valve to the service port of the stop valve on the gas pipe side of the outdoor unit.
3) Fully close the stop valve on the liquid pipe side of the outdoor unit.
4) Turn on the breaker.
5) Start the emergency COOL operation on all the indoor units.
6) When the pressure gauge shows 0.05 to 0 MPa [Gauge], fully close the stop valve on the gas pipe side of the outdoor unit and stop the operation. (Refer to the indoor unit installation manual about the method for stopping the operation.)
   * If too much refrigerant has been added to the air conditioner system, the pressure may not drop to 0.05 MPa [Gauge], or the protection function may operate due to the pressure increase in the high-pressure refrigerant circuit. If this occurs, use a refrigerant collecting device to collect all of the refrigerant in the system, and then recharge the system with the correct amount of refrigerant after the indoor and outdoor units have been relocated.
7) Turn off the breaker. Remove the pressure gauge and the refrigerant piping.

WARNING

When pumping down the refrigerant, stop the compressor before disconnecting the refrigerant pipes. The compressor may burst and cause injury if any foreign substance, such as air, enters the pipes.

8 PERFORMANCE CURVES

MXZ-6D120VA

The standard specifications apply only to the operation of the air conditioner under normal conditions.
Since operating conditions vary according to the areas where these units are installed, the following information has been provided to clarify the operating characteristics of the air conditioner under the conditions indicated by the performance curve.

(1) GUARANTEED VOLTAGE

198~264 V 50 Hz

(2) AIR FLOW

Air flow should be set at MAX.

(3) MAIN READINGS

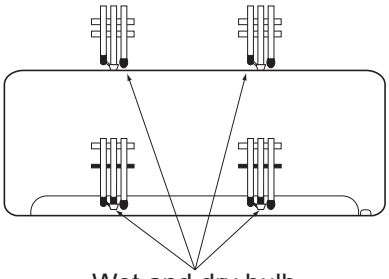
(1) Indoor intake air wet-bulb temperature :	°C[WB]	Cooling
(2) Indoor outlet air wet-bulb temperature :	°C[WB]	
(3) Outdoor intake air dry-bulb temperature :	°C[DB]	
(4) Total input:	W	
(5) Indoor intake air dry-bulb temperature :	°C[DB]	Heating
(6) Outdoor intake air wet-bulb temperature :	°C[WB]	
(7) Total input :	W	

Indoor air wet and dry bulb temperature difference on the left side of the following chart shows the difference between the indoor intake air wet and dry bulb temperature and the indoor outlet air wet and dry bulb temperature for your reference at service.

How to measure the indoor air wet and dry bulb temperature difference

1. Attach at least 2 sets of wet and dry bulb thermometers to the indoor air intake as shown in the figure, and at least 2 sets of wet and dry bulb thermometers to the indoor air outlet. The thermometers must be attached to the position where air speed is high.
2. Attach at least 2 sets of wet and dry bulb thermometers to the outdoor air intake. Cover the thermometers to prevent direct rays of the sun.
3. Check that the air filter is cleaned.
4. Open windows and doors of room.
5. Press the EMERGENCY OPERATION switch once (twice) to start the EMERGENCY COOL (HEAT) MODE.
6. When system stabilizes after more than 15 minutes, measure temperature and take an average temperature.
7. 10 minutes later, measure temperature again and check that the temperature does not change.

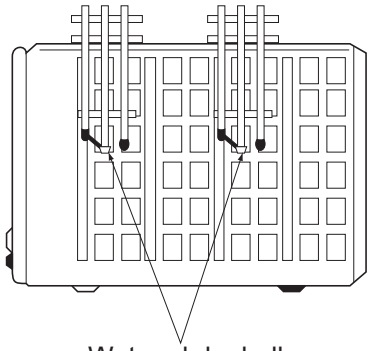
INDOOR UNIT



Wet and dry bulb thermometers

FRONT VIEW

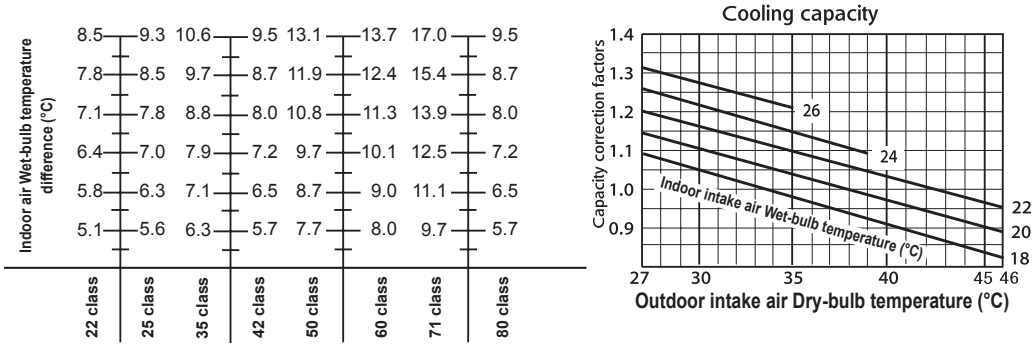
OUTDOOR UNIT

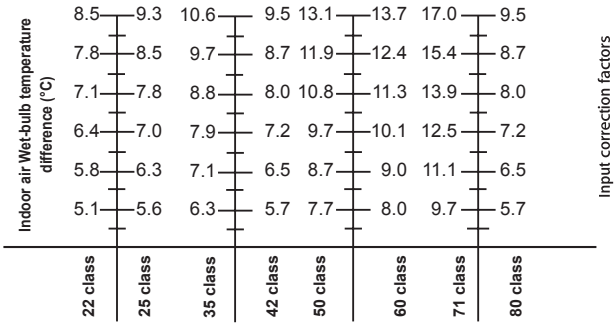


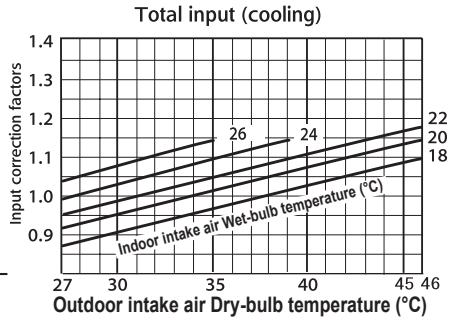
Wet and dry bulb thermometers

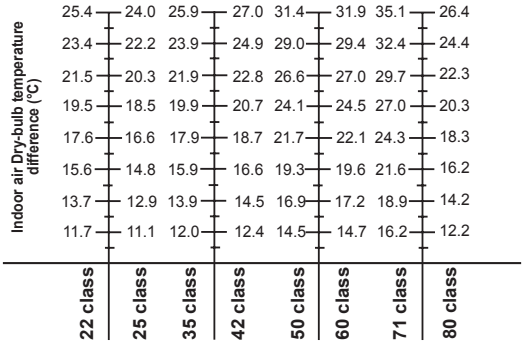
BACK VIEW

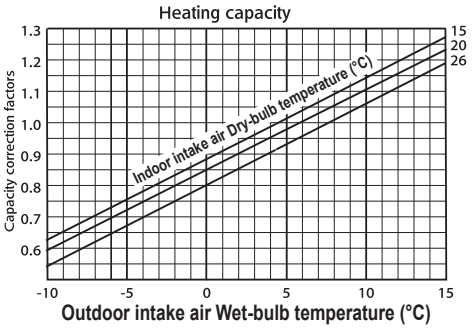
8-1. CAPACITY AND INPUT CURVES
MXZ-6D120VA

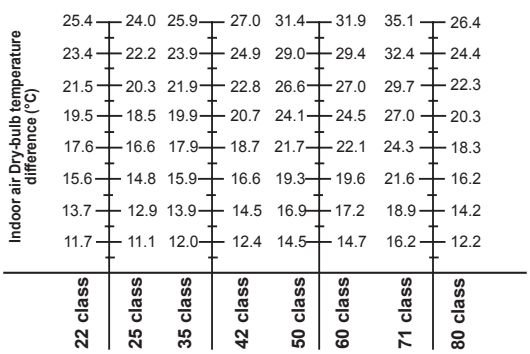


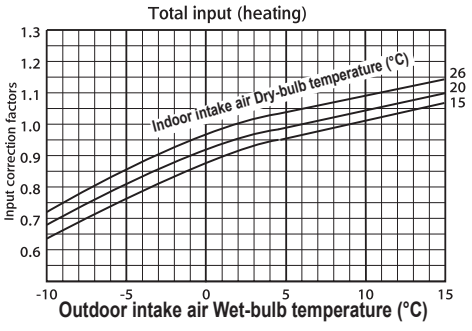






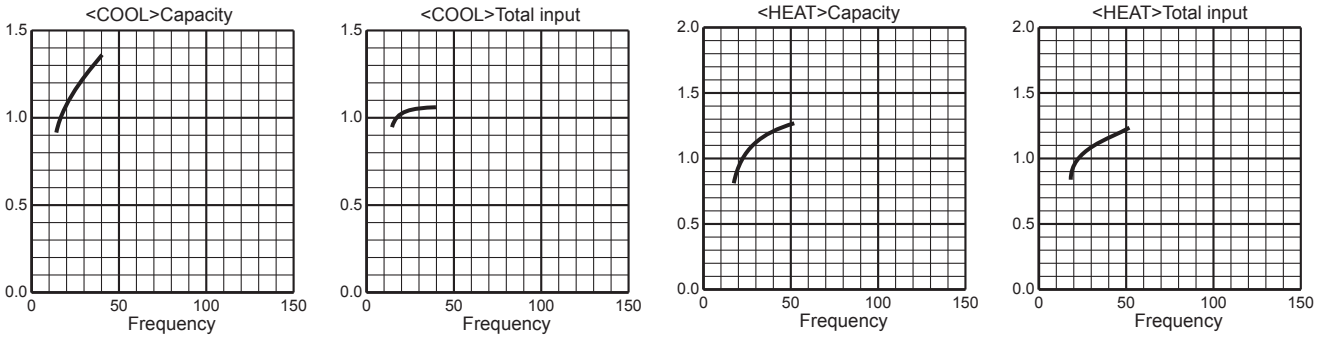




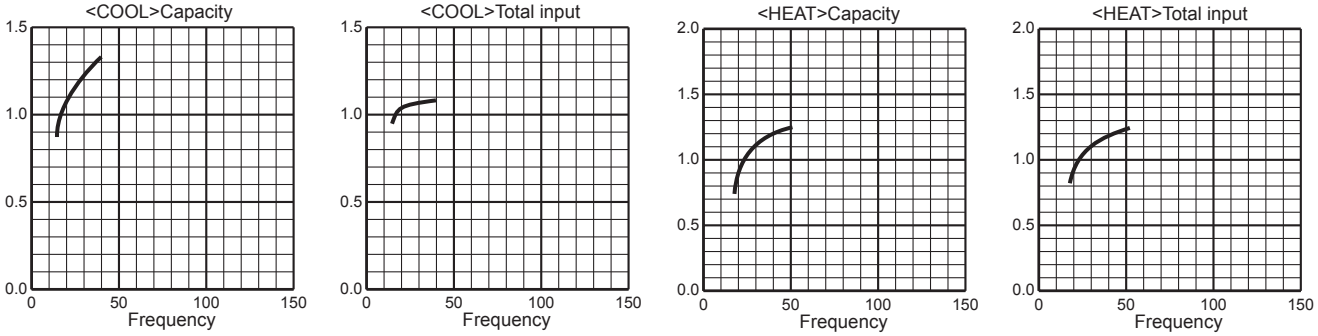


8-2. CAPACITY AND INPUT CORRECTION BY INVERTER OUTPUT FREQUENCY (single operation)
MXZ-6D120VA

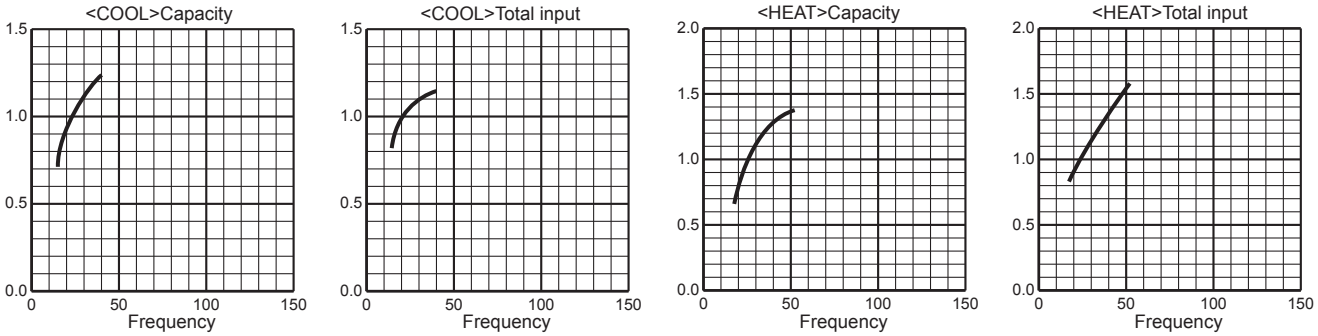
22-class unit



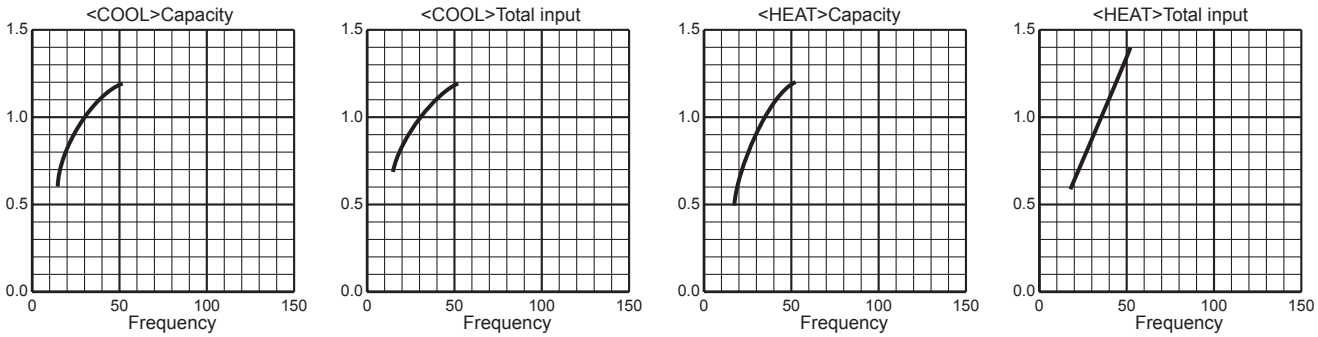
25-class unit



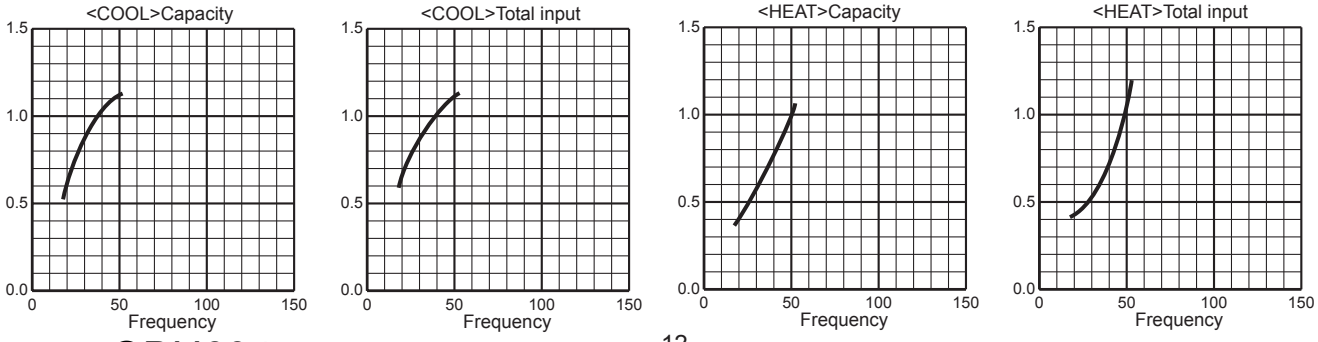
35-class unit



42-class unit

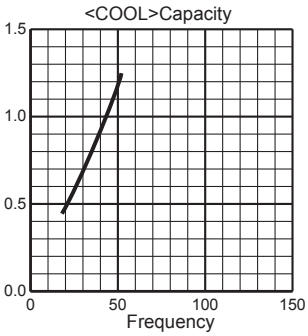


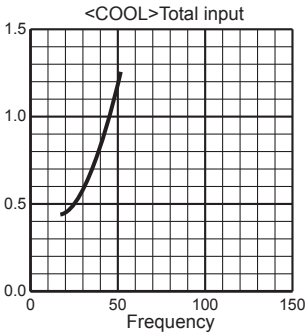
50-class unit

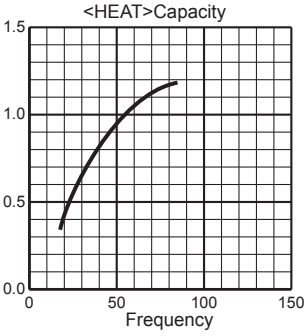


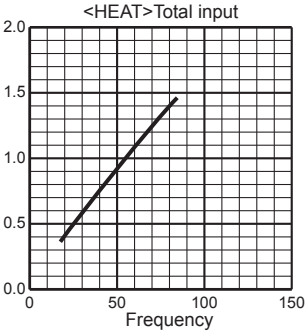
MXZ-6D120VA

60-class unit

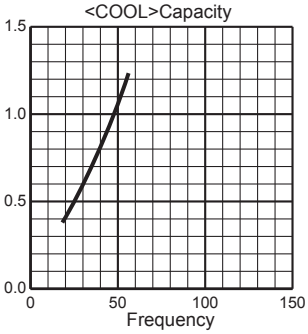


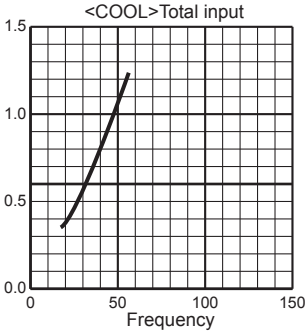


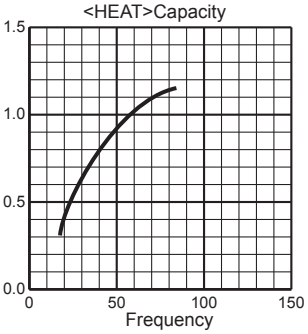


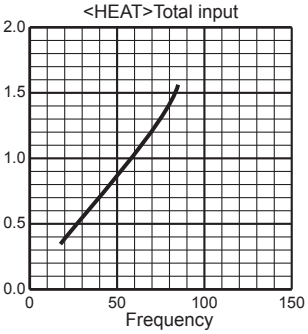


71-class unit

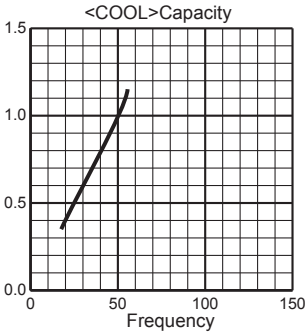


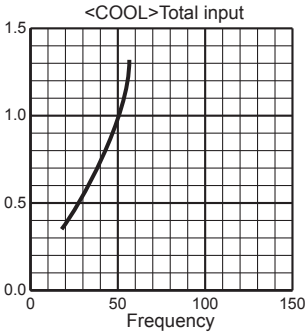


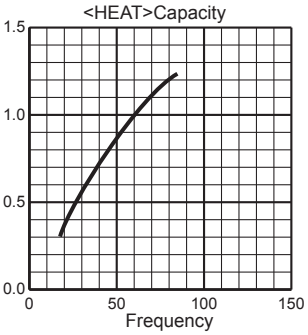


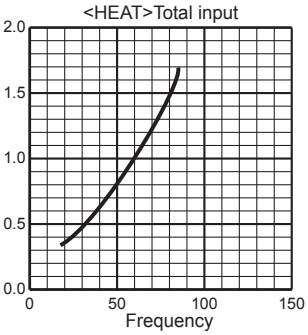


80-class unit









8-3. HOW TO OPERATE FIXED-FREQUENCY OPERATION <Test run operation>

1. Press EMERGENCY OPERATION switch to start COOL or HEAT mode (COOL : Press once, HEAT : Press twice).
2. Test run operation starts and continues to operate for 30 minutes.
3. Compressor operates at rated frequency.
4. Indoor fan operates at High speed.
5. After 30 minutes, test run operation finishes and EMERGENCY OPERATION starts (Operation frequency of compressor varies).
6. To cancel test run operation or EMERGENCY OPERATION, press EMERGENCY OPERATION switch or any button on remote controller.

8-4. OUTDOOR LOW PRESSURE AND OUTDOOR UNIT CURRENT CURVE (single operation)

NOTE: The unit of pressure has been changed to MPa on the international system of units (SI unit system).
The conversion factor is : **1 (MPa [Gauge])**

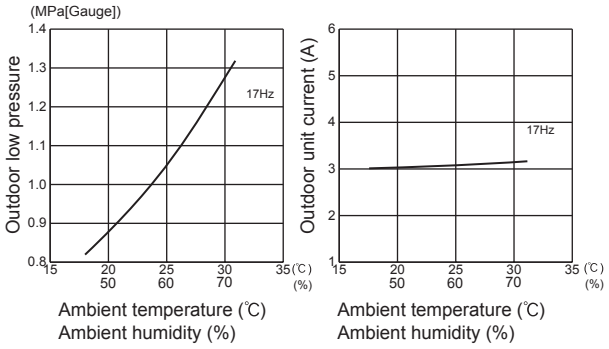
(1) COOL operation

① Both indoor and outdoor units are under the same temperature/humidity condition.
② Operation : TEST RUN OPERATION (Refer to 8-3.)

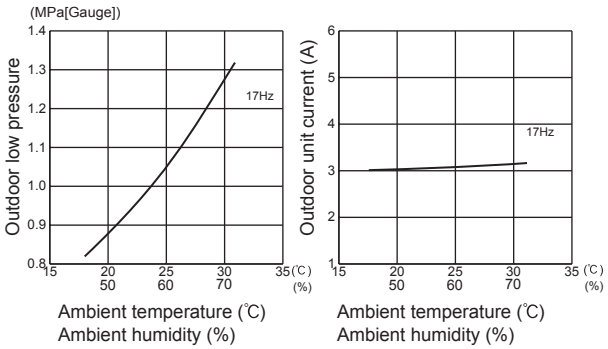
Dry-bulb temperature (℃)	Relative humidity (%)
20	50
25	60
30	70

MXZ-6D120VA

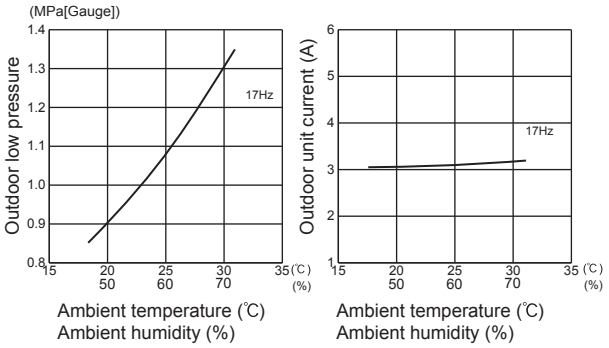
22-class unit



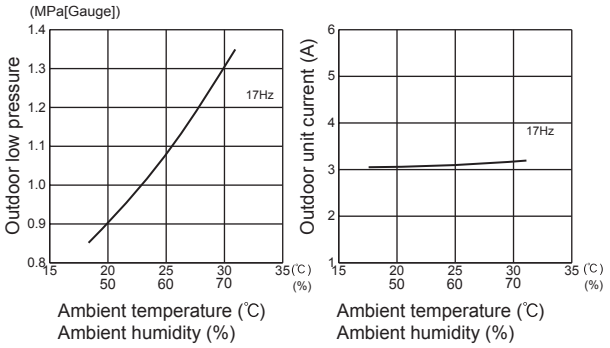
25-class unit



35-class unit

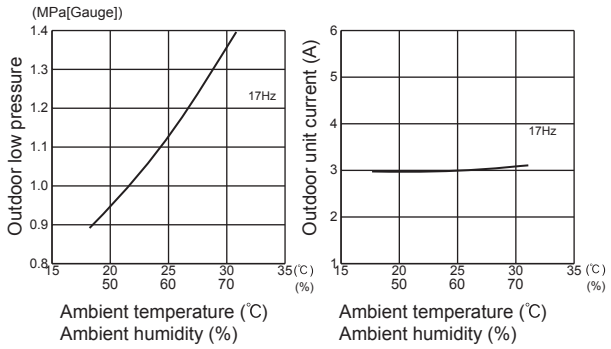


42-class unit

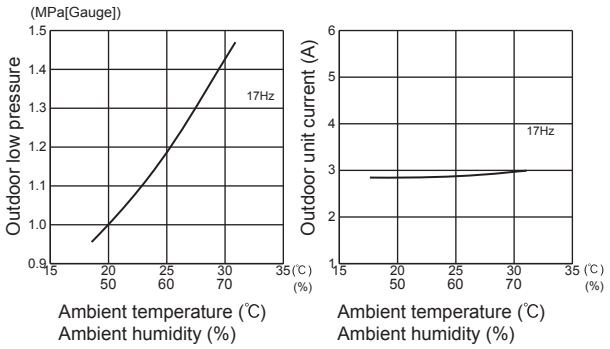


MXZ-6D120VA

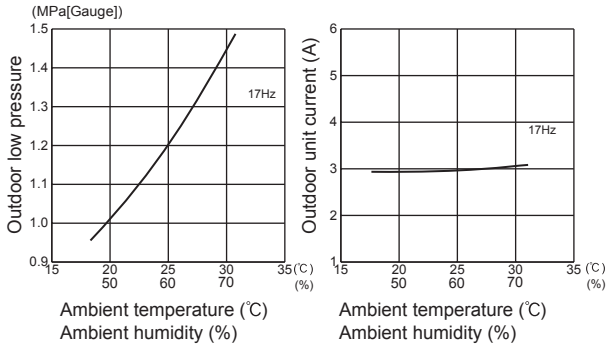
50-class unit



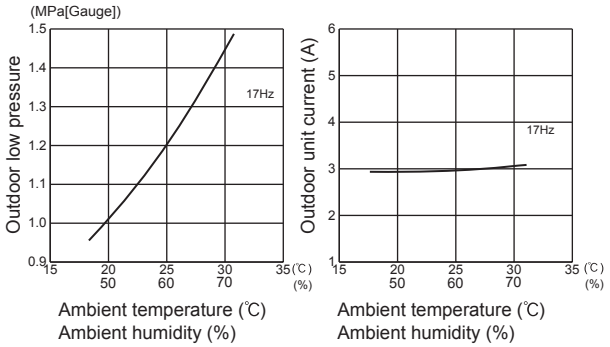
60-class unit



71-class unit



80-class unit



(2) HEAT operation

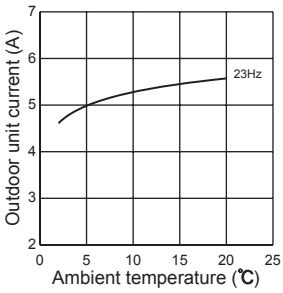
① Condition :

	Indoor	Outdoor			
Dry-bulb temperature (°C)	20.0	2	7	15	20.0
Wet-bulb temperature (°C)	14.5	1	6	12	14.5

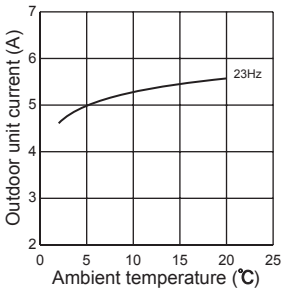
② Operation : TEST RUN OPERATION (Refer to 8-3.)

MXZ-6D120VA

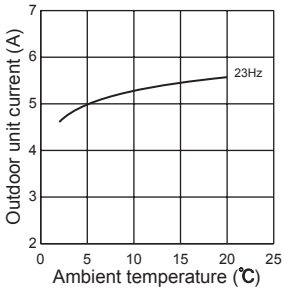
22-class unit



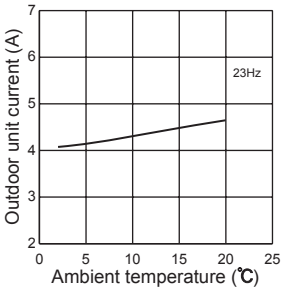
25-class unit



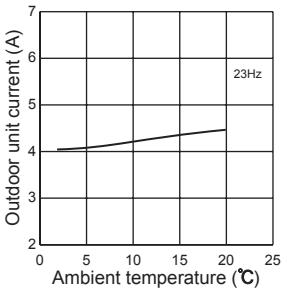
35-class unit



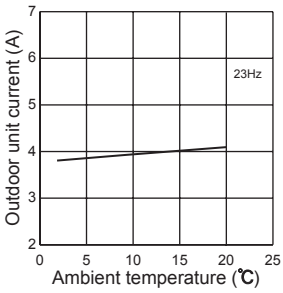
42-class unit



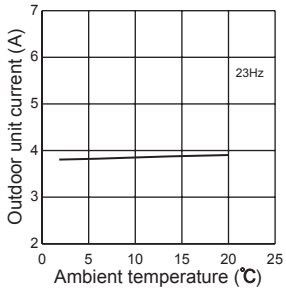
50-class unit



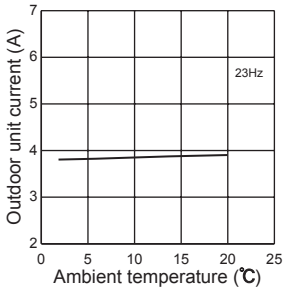
60-class unit



71-class unit



80-class unit



9 ACTUATOR CONTROL

MXZ-6D120VA

Relation between main sensor and actuator

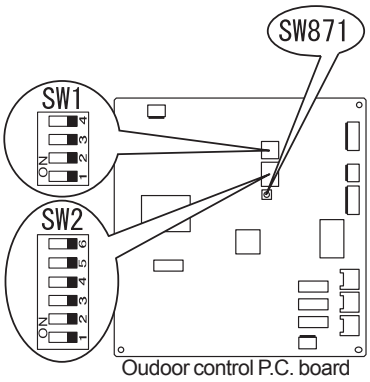
Sensor	Purpose	Actuator				
		Compressor	LEV	Outdoor fan motor	Reversing valve	Solenoid valve
Discharge temperature thermistor	Protection	○	○			○
Indoor coil thermistor	Defrosting Protection	○	○	○		○
Defrost thermistor	Defrosting	○	○	○	○	
Fin temperature thermistor	Protection	○		○		
Ambient temperature thermistor	Control	○	○	○		○
Outdoor heat exchanger temperature	Protection	○	○	○		○
Capacity code	Control	○	○			

10 SERVICE FUNCTIONS

MXZ-6D120VA

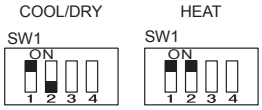
10-1. LOCKING THE OPERATION MODE OF THE AIR CONDITIONER (COOL, DRY, HEAT)

Description of the function:
With this function, you can lock the operation mode of the outdoor unit. Once the operation mode is locked to either COOL/DRY mode or HEAT mode, the air conditioner operates in that mode only.
Initial setting is required to activate this function. Please explain about this function to your customers and ask them whether they want to use it.



[How to lock the operation mode]

① Turn OFF the power supply for the air conditioner before making the setting.
② Set SW1 on the display P.C. board or outdoor P.C. board as shown in the right figure.
③ Turn ON the power supply for the air conditioner.



10-2. LOWERING THE OPERATING NOISE OF THE OUTDOOR UNIT

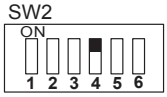
Description of the function:
With this function, you can lower the operating noise of the outdoor unit when the operation load is small,for example, during nighttime in COOL mode. However, please note that the cooling and heating capacity can also be lowered if this function is activated.
Initial setting is required to activate this function. Please explain about this function to your customers and ask them whether they want to use it.

[How to lower the operating noise]

①Turn OFF the power supply for the air conditioner before making the setting.
②Set the “3” Switch of SW1 on the outdoor P.C. board to ON to enable this function.
③Turn ON the power supply for the air conditioner.

10-3. PRE-HEAT CONTROL

If moisture gets into the refrigerant cycle, or when refrigerant is liquefied and collected in the compressor, it may interfere the start-up of the compressor.
To improve start-up condition, the compressor is energized even while it is not operating.
This is to generate heat at the winding.
The compressor uses about 50 W when pre-heat control is turned ON.
Pre-heat control is ON at initial setting.



[How to deactivate pre-heat control]

① Turn OFF the power supply for the air conditioner before making the setting.
② Set the “4” of SW2 on the outdoor P.C. board to ON to deactivate pre-heat control function.
③ Turn ON the power supply for the air conditioner.

NOTE: Pre-heat control will be turned OFF when the breaker is turned OFF.

10-4. AUTO LINE CORRECTING

Outdoor unit has an auto line correcting function which automatically detects and corrects improper wiring or piping.

Improper wiring or piping can be automatically detected by pressing the piping/wiring correction switch (SW871).
When improper wiring or piping is detected, wiring lines are corrected.
This will be completed in about 10 to 20 minutes.

[How to activate this function]

1. Check that outside temperature is above 0°C .
   (This function does not work when outside temperature is not above 0°C.)
2. Check that the stop valves of the liquid pipe and gas pipe are open.
3. Check that the wiring between indoor and outdoor unit is correct.
   (If the wiring is not correct, this function does not work.)
4. Turn ON the power supply and wait at least 1 minute.
5. Press the piping/wiring correction switch (SW871) on the outdoor P.C. board.
   Do not touch energized parts.

LED indication during detection:

LED1(Red)	LED2(Yellow)	LED3(Green)
Lighted	Lighted	Blinking

LED indication after detection:

LED1(Red)	LED2(Yellow)	LED3(Green)	Indication
Lighted	Not lighted	Lighted	Completed (Detected successfully)
Blinking	Blinking	Blinking	Cannot be corrected
Other indications			Refer to "SAFETY PRECAUTIONS WHEN LED FLASHES" located behind the service panel.

※Make sure that the valves are open and the pipes are not collapsed or clogged.

6. Press the switch to cancel.
   LED indication after cancel:

LED1(Red)	LED2(Yellow)	LED3(Green)
Lighted	Lighted	Not lighted

NOTE: Indoor unit cannot be operated while this function is activated.
When this function is activated while indoor unit is operating, the operation will be stopped.
Operate indoor unit after the auto line correcting is finished.
Pressing the switch during detection cancels this function.

The record of auto line correcting can be confirmed in the following way:
Press the switch for more than 5 sec.
LED will show the record of auto correcting for about 30 sec. as shown in the table below:

Number of blinks			Wiring line
LED1(Red)	LED2(Yellow)	LED3(Green)	
Once	Once	Lighted	Not corrected
3 times	3 times	Lighted	Corrected

NOTE: Activate this function to confirm the correct wiring after replacing the outdoor P.C. board.
(Previous records are deleted when the oudoor P.C. board or the control P.C. board is replaced.)
The record cannot be shown if auto line correcting is not canceled (Refer to "How to activate this function").

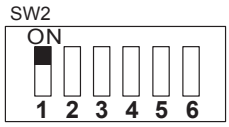
10-5. CHANGING DEFROST FINISH TEMPERATURE AND HEAT OPERATION TIME

If defrosting operation starts more than necessary, the defrost finish temperature and heat operation time can be changed. The number of defrosting operation and defrosting time can be reduced with this function.

	Default setting	Changed
Defrost finish temperature (°C)	10	5
Heat operation time (min.)	31	40

[How to change defrost finish temperature and heat operation time]

①Turn OFF the power supply for the air conditioner before making the setting.
②Set the "1" of SW2 on the outdoor P.C. board to ON to enable this function.
③Turn ON the power supply for the air conditioner.

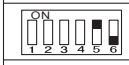


10-6. CHANGING THE AMPERE LIMIT

With this function, you can change the current that flows in the outdoor unit.

NOTE:
Use this function only when the amount of current exceeds the allowed value.

[How to change the ampere limit]
① Turn OFF the power supply for the air conditioner before making the setting.
② Make the setting referring to the table on the right.
③ Turn ON the power supply for the air conditioner.

SW2	MXZ-6D120VA
	20A
	25A
	Default setting Full

11 TROUBLESHOOTING

MXZ-6D120VA

11-1. CAUTIONS ON TROUBLESHOOTING

1. Before troubleshooting, check the following:

1) Check the power supply voltage.
2) Check the indoor/outdoor connecting wire for miswiring.

2. Take care of the following during servicing

1) Before servicing the air conditioner, be sure to turn OFF the unit first with the remote controller, and after confirming the horizontal vane is closed, turn OFF the breaker and/or disconnect the power plug.
2) Be sure to turn OFF the power supply before removing the front panel, the cabinet, the top panel, and the electronic control P.C. board.
3) When removing the electrical parts, be careful of the residual voltage of smoothing capacitor.
4) When removing the electronic control P.C. board, hold the edge of the board with care NOT to apply stress on the components.
5) When connecting or disconnecting the connectors, hold the housing of the connector. DO NOT pull the lead wires.

<Incorrect> <Correct>

Lead wiring **Housing point**

3. Troubleshooting procedure

1) Check if the OPERATION INDICATOR lamp on the indoor unit is flashing on and off to indicate an abnormality. To make sure, check how many times the OPERATION INDICATOR lamp is flashing on and off before starting service work.
2) Before servicing, check that the connector and terminal are connected properly.
3) When the electronic control P.C. board seems to be defective, check the copper foil pattern for disconnection and the components for bursting and discoloration.
4) Refer to 11-2, 11-3 and 11-4.

11-2. FAILURE MODE RECALL FUNCTION

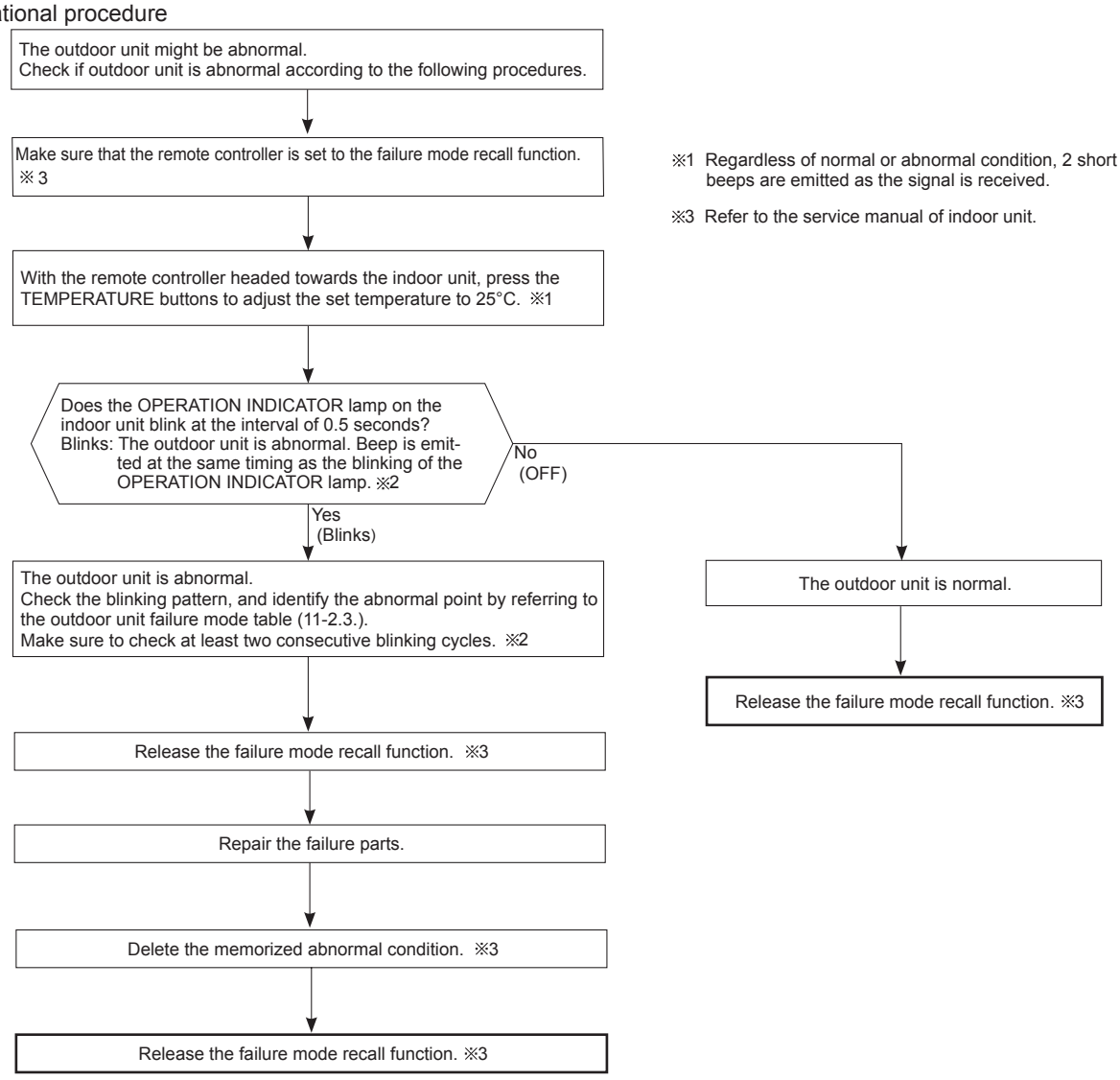
This air conditioner can memorize the abnormal condition which has occurred once.
Even though LED indication listed on the troubleshooting check table (11-4.) disappears, the memorized failure details can be recalled.

1. Flow chart of failure mode recall function for the indoor/outdoor unit

Refer to the service manual of indoor unit.

2. Flow chart of the detailed outdoor unit failure mode recall function

Operational procedure

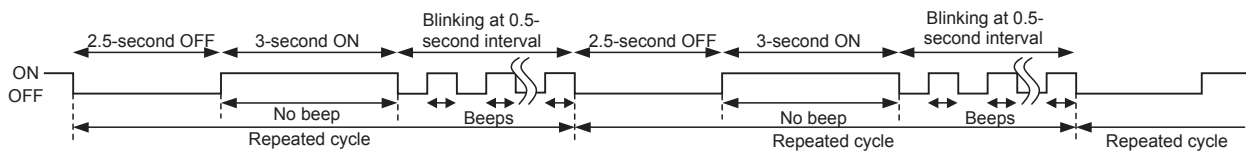


※1 Regardless of normal or abnormal condition, 2 short beeps are emitted as the signal is received.

※3 Refer to the service manual of indoor unit.

NOTE: 1. Make sure to release the failure mode recall function after it is set up, otherwise the unit cannot operate properly.
2. If the abnormal condition is not deleted from the memory, the last abnormal condition is kept memorized.

※2.Blinking pattern when outdoor unit is abnormal:



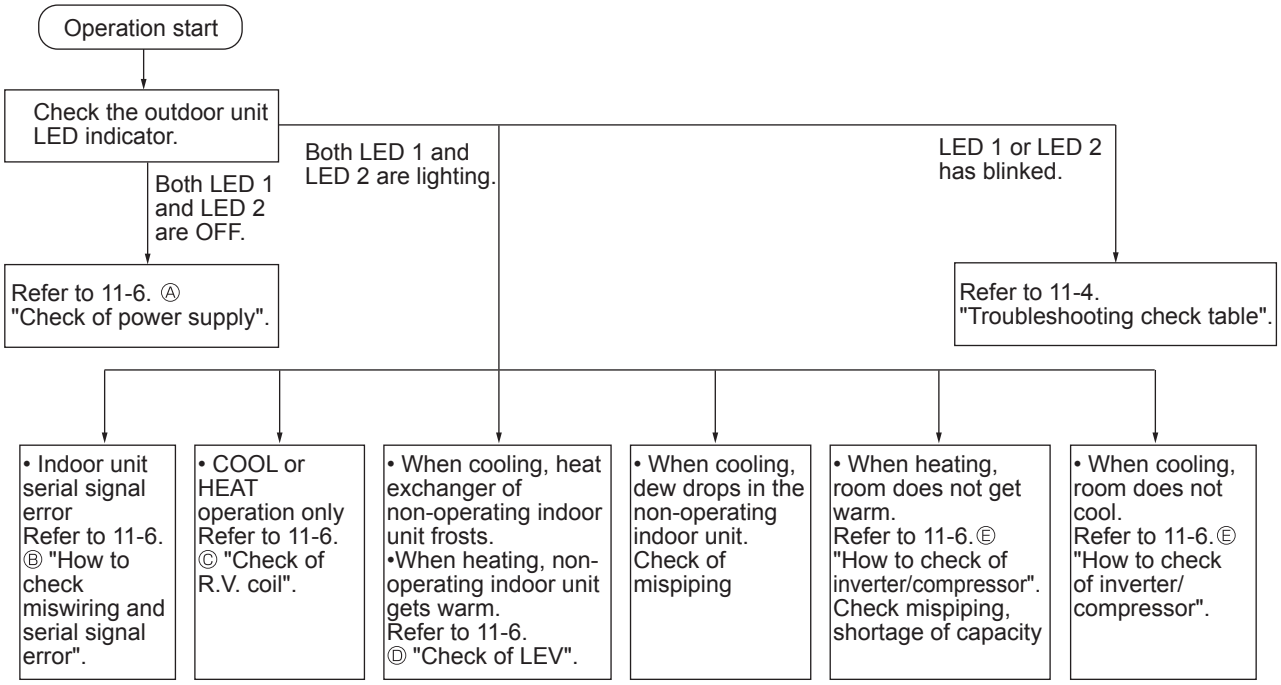
3. Outdoor unit failure mode table

Upper or left lamp of OPERATION INDICATOR lamp (Indoor unit)	Abnormal point (Failure mode/protection)	LED indication (Outdoor P.C. board) LED 1	LED 2	Condition	Remedy	Indoor/outdoor unit failure mode recall function
OFF	None (Normal)	Lighted	Lighted			
2-time flash	Outdoor power system	Lighted	Lighted	Overcurrent protection cut-out operates 3 consecutive times, bus-bar voltage protection cut-out operates 3 consecutive times, or primary current protection cut-out operates 3 consecutive times within 1 minute after the compressor gets started.	• Check the connection of the compressor connecting wire. • Refer to 11-6. Ⓔ How to check inverter/compressor. • Check the stop valve. • Check the power supply whether power failure has happened.	○
3-time flash	Discharge temperature thermistor	Lighted	Once	Thermistor shorts or opens during compressor running.	• Refer to 11-6. Ⓕ "Check of outdoor thermistors".	○
	Defrost thermistor	Lighted	Once			
	Ambient temperature thermistor	Lighted	Twice			
	Fin temperature thermistor	Lighted	3 times		• Replace the power board.	
	P.C. board temperature thermistor	Lighted	4 times		• Replace the power board.	
	Outdoor heat exchanger temperature thermistor	Lighted	9 times		• Refer to 11-6. Ⓕ "Check of outdoor thermistors".	
4-time flash	Overcurrent	Once	Not lighted	40 A current flows into intelligent power module.	• Reconnect compressor connector. • Refer to 11-6. Ⓔ "How to check inverter/compressor". • Check the stop valve.	—
	Out-of-step protection	9 times	Not lighted	Waveform of compressor current is distorted.	• Refer to 11-6. Ⓔ " How to check inverter/compressor.	
5-time flash	Discharge temperature	Lighted	Lighted	Discharge temperature exceeds 114 °C during operation. Compressor can restart if discharge temperature thermistor reads 100 °C or less 3 minutes later.	• Check the refrigerant circuit and the refrigerant amount. • Refer to 11-6. Ⓓ "Check of LEV".	—
6-time flash	High pressure	Lighted	Lighted	High-pressure is detected with the high-pressure switch (HPS) during operation.	• Check the refrigerant circuit and the refrigerant amount. • Check the stop valve.	—
				The outdoor heat exchanger temperature exceeds 70 °C during cooling or the indoor gas pipe temperature exceeds 70°C during heating.		
7-time flash	Fin temperature	3 times	Not lighted	The fin temperature exceeds 105 °C during operation.	• Check around the outdoor unit. • Check the outdoor unit air passage. • Refer to 11-6. Ⓖ "Check of outdoor fan motor".	—
	P.C. board temperature	4 times	Not lighted	The P.C. board temperature exceeds 95 °C during operation.		
8-time flash	Outdoor fan motor	Lighted	Lighted	The fan motor speed is 50 rpm or less or 1500 rpm or more for 1 minute, or the fan motor speed is 100 rpm or less for 15 seconds when the outside temperature is 20 °C or more.	• Refer to 11-6. Ⓖ "Check of outdoor fan motor".	—
9-time flash	Nonvolatile memory data	Lighted	5 times	Nonvolatile memory data cannot be read properly.	• Replace the outdoor control P.C. board. • Replace the power board.	○
10-time flash	Discharge temperature	Lighted	Lighted	The frequency of the compressor is kept 58Hz or more and the discharge temperature is kept under 50 °C (cooling)/40 °C (heating) for more than 40 minutes.	• Check the refrigerant circuit and the refrigerant amount. • Refer to 11-6. Ⓓ "Check of LEV".	—

Upper or left lamp of OPERATION INDICATOR lamp (Indoor unit)	Abnormal point (Failure mode/protection)	LED indication (Outdoor P.C. board)		Condition	Remedy	Indoor/outdoor unit failure mode recall function
11-time flash	Communication error between P.C. boards	Lighted	6 times	Communication error occurs between the control P.C. board and the power board for more than 10 seconds.	• Check the connecting wire between the outdoor control P.C. board and power board.	—
				The communication between boards protection cut-out operates 2 consecutive times.		○
	Current sensor	Lighted	7 times	After the operation starts, a short or open circuit is detected in the current sensor when the compressor is not operating.	• Replace the power board.	—
				Current sensor has been short or open circuited for 120 seconds.		○
	Zero cross detecting circuit	5 times	Not lighted	Zero cross signal cannot be detected while the compressor is operating.	• Check the connecting wire between outdoor control P.C. board and the power board.	—
				The protection cut-out of the zero cross detecting circuit operates 3 consecutive times.		○
	Bus-bar voltage	6 times	Not lighted	The bus-bar voltage exceeds 400 V or falls to 300 V or below during compressor operating.	• Check the voltage of power supply. • Replace the outdoor control P.C. board.	—
12-time flash	Compressor (open phase)	10 times	Not lighted	Waveform of compressor current is distorted.	• Check the connection of the compressor connecting wire. • Refer to 11-6. Ⓔ " How to check inverter/compressor.	—
14-time flash	Power module	7 times	Not lighted	The overcurrent is detected when the frequency of the compressor is 1 Hz or less.	• Refer to 11-6. Ⓔ " How to check inverter/compressor.	—
15-time flash	LEV and drain pump	Lighted	Lighted	The indoor unit detects an abnormality in the LEV and drain pump.	• Refer to 11-6. Ⓓ "Check of LEV". • Check the drain pump of the indoor unit.	—

11-3. INSTRUCTION OF TROUBLESHOOTING

• Check the indoor unit by referring to the indoor unit service manual, and confirm whether there is any problem in the indoor unit.
Then, check the outdoor unit by referring to this page.



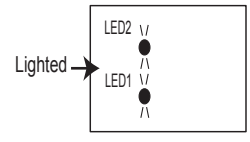
11-4. TROUBLESHOOTING CHECK TABLE

No.	Symptom	Indication		Abnormal point / Condition	Condition	Remedy
		LED1(Red)	LED2(Yellow)			
1	Outdoor unit does not operate.	Lighted	Once	LEV and drain pump	The indoor unit detects an abnormality in the LEV and drain pump.	• Refer to 11-6. Ⓓ "Check of LEV". • Check the drain pump of the indoor unit.
2		Lighted	Twice	Outdoor power system	Overcurrent protection cut-out operates 3 consecutive times, bus-bar voltage protection cut-out operates 3 consecutive times, or primary current protection cut-out operates 3 consecutive times within 1 minute after the compressor gets started.	• Check the connection of the compressor connecting wire. • Refer to 11-6. Ⓔ "How to check inverter/ compressor". • Check the stop valve. • Check the power supply whether power failure has happened.
3		Lighted	3 times	Discharge temperature thermistor	A short circuit is detected in the thermistor during operation, or an open circuit is detected in the thermistor 10 minutes after compressor start-up.	• Refer to 11-6. Ⓕ "Check of outdoor thermistors".
4		Lighted	4 times	Fin temperature thermistor	A short or open circuit is detected in the thermistor during operation.	• Replace the power board.
				P.C board temperature thermistor		• Replace the power board.
5		Lighted	5 times	Ambient temperature thermistor	A short or open circuit is detected in the thermistor during operation.	• Refer to 11-6. Ⓕ "Check of outdoor thermistors".
				Outdoor heat exchanger temperature thermistor		
				Defrost thermistor		
6		Lighted	7 times	Nonvolatile memory data (Outdoor control board)	The nonvolatile memory data cannot be read properly.	• Replace the outdoor control P.C. board.
7		Lighted	8 times	Current sensor	Current sensor has been short or open circuited for 120 seconds.	• Replace the power board.
8		Lighted	11 times	Communication error between P.C. boards	Communication error occurs twice between the outdoor control P.C. board and the power board for more than 10 seconds.	• Check the connecting wire between outdoor control P.C. board and power board.
9		Lighted	12 times	Zero cross detecting circuit	The protection cut-out of the zero cross detecting circuit operates 3 consecutive times.	• Check the connecting wire between outdoor control P.C. board and the power board.
		Lighted	14 times	Nonvolatile memory data (Outdoor power board)	The nonvolatile memory data cannot be read properly.	• Replace the power board.
10	'Outdoor unit stops and restarts 3 minutes later' is repeated.	Twice	Not lighted	IPM protection	Overcurrent is detected when the frequency of the compressor is 1 Hz or less.	• Reconnect compressor connector. • Refer to 11-6. Ⓔ "How to check inverter/ compressor". • Check the stop valve. • Check the power module (PAM module).
				Overcurrent	Overcurrent is detected when the frequency of the compressor is more than 1 Hz.	
11		3 times	Not lighted	Discharge temperature protection	Discharge temperature exceeds 114°C during operation. Compressor can restart if discharge temperature thermistor reads 100°C or less 3 minutes later.	• Check the amount of gas and refrigerant circuit. • Refer to 11-6. Ⓓ "Check of LEV".
12		4 times	Not lighted	Fin temperature protection	The fin temperature exceeds 110°C during operation.	•Check the refrigerant circuit and the refrigerant amount.
				P.C. board temperature protection	The P.C. board temperature exceeds 95°C during operation.	
13		5 times	Not lighted	High-pressure protection	High-pressure is detected with the high-pressure switch (HPS) during operation.	• Check the amount of gas and the refrigerant circuit. • Check the stop valve.
					The outdoor heat exchanger temperature exceeds 70°C during cooling or indoor gas pipe temperature exceeds 70°C during heating.	
		7 times	Not lighted	Out-of-step protection	The waveform of compressor current is distorted.	• Reconnect connector of compressor. • Refer to 11-6. Ⓔ "How to check inverter/ compressor".
15		9 times	Not lighted	Bus-bar voltage protection	The bus-bar voltage exceeds 400 V or falls to 300 V or below while the compressor is operating.	• Check the voltage of power supply. • Replace the power board or the outdoor control P.C. board. • Refer to 11-6. Ⓙ “Check of bus-bar voltage”.
		10 times	Not lighted	Zero cross loss	Zero cross signal cannot be detected while the compressor is operating.	
		11 times	Not lighted	Low outside temperature protection (cooling)	The ambient temperature became -12 °C or less.	
		12 times	Not lighted	Primary current protection	The primary current exceeds 37 A for 10 seconds.	
16		13 times	Not lighted	Outdoor fan motor	The fan motor speed is 50 rpm or less or 1500 rpm or more for 1 minute, or the fan motor speed is 100 rpm or less for 15 seconds when the outside temperature is 20 °C or more.	• Refer to 11-6. Ⓖ "Check of outdoor fan motor".

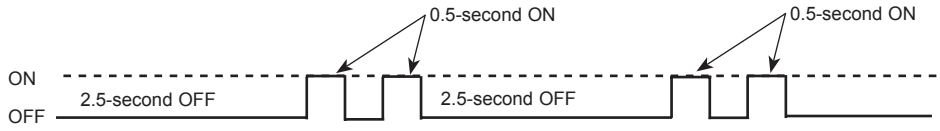
No.	Symptom	Indication		Abnormal point / Condition	Condition	Remedy
		LED1(Red)	LED2(Yellow)			
17	'Outdoor unit stops and restarts 3 minutes later' is repeated.	Lighted	8 times	Current sensor protection	After the operation starts, a short or open circuit is detected in the current sensor when the compressor is not operating.	• Replace the power board.
18		Lighted	11 times	Communication protection between P.C. boards	Communication error occurs between the outdoor control P.C. board and the power board for more than 10 seconds.	• Check the connecting wire between outdoor control P.C. board and the power board.
19		Lighted	12 times	Zero cross detecting circuit protection	Zero cross signal cannot be detected when the compressor begins operating.	• Check the connecting wire between outdoor control P.C. board and the power board.
20	Outdoor unit operates	Once	Lighted	Primary current protection	The primary current exceeds 27A.	These symptoms do not mean any abnormality of the product, but check the following points. • Check the indoor filters are not clogged. • Check there is sufficient refrigerant. • Check the indoor/outdoor unit air circulation is not short cycling.
21		Twice	Lighted	High-pressure protection	The indoor gas pipe temperature exceeds 45°C during heating.	
				Defrosting in cooling	The indoor gas pipe temperature falls 3°C or below during cooling.	
22		3 times	Lighted	Discharge temperature protection	The discharge temperature exceeds 100°C during operation.	• Check the refrigerant circuit and the refrigerant amount. • Refer to 11-6. Ⓓ "Check of LEV".
23		4 times	Lighted	Low discharge temperature protection	The frequency of the compressor is kept 80 Hz or more and the discharge temperature is kept under 50°C (cooling) /40°C (heating) for more than 40 minutes	• Refer to 11-6. Ⓓ "Check of LEV". • Check the refrigerant circuit and the refrigerant amount.
24		5 times	Lighted	Cooling high-pressure protection	The outdoor heat exchanger temperature exceeds 58°C during operation.	This symptom does not mean any abnormality of the product, but check the following points. • Check the indoor filters are not clogged. • Check there is sufficient refrigerant. • Check the indoor/outdoor unit air circulation is short cycling.
		7 times	Lighted	High → Low Pressure bypass valve Cooling evaporating temperature drop prevention control	During cooling operation, the temperature of indoor heat exchanger becomes 3°C or less within 1 hour after the compressor starts running, or it becomes less than 12°C - 16°C* later than that. * It depends on the difference between the set temperature and the room temperature.	These symptoms do not mean any abnormality of the product, but check the following points. • Check the indoor filters are not clogged. • Check there is sufficient refrigerant. • Check the indoor/outdoor unit air circulation is not short cycling.
25	Outdoor unit operates normally.	7 times	Lighted	High → Low Pressure bypass valve High pressure protection control at start-up of heating operation	The room temperature is 24°C or more when 1 or 2 unit(s) start(s) the heating operation.	This symptom does not mean any abnormality of the product.
				High → Low Pressure bypass valve Compressor oil tempering control at start-up of heating operation	Both the following are true: • The outside temperature is -2°C or less when the heating operation is started. • [(Discharge temperature) - (Indoor heat exchanger temperature)] < 5°C	
		8 times	Lighted	Cooling evaporating temperature protection	During cooling operation, the temperature of indoor heat exchanger becomes 7°C - 11°C* or less within 1 hour after the compressor starts running, or it becomes 9°C - 17°C* or less later than that. * It depends on the indoor unit type/model or the difference between the set temperature and the room temperature.	
		9 times	Lighted	Inverter check mode	The connector of compressor is disconnected. Inverter check mode starts.	• Check the connector of the compressor is correctly connected. • Refer to 11-6. Ⓔ "How to check inverter/ compressor".
26		Lighted	Lighted	Normal		

NOTE 1. The location of LED is illustrated at the right figure. Refer to 11-7.1.
2. LED is lighted during normal operation.

Outdoor control P.C. board (Parts side)



The flashing frequency shows the number of times the LED blinks after every 2.5-second OFF.
(Example) When the flashing frequency is "2".



11-5. TROUBLE CRITERION OF MAIN PARTS

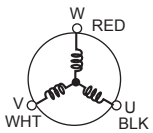
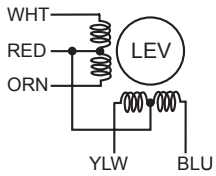
MXZ-6D120VA

<table>
<tr><th>Part name</th><th>Check method and criterion</th></tr>
<tr><td>Defrost thermistor (RT61)

Ambient temperature thermistor (RT65)

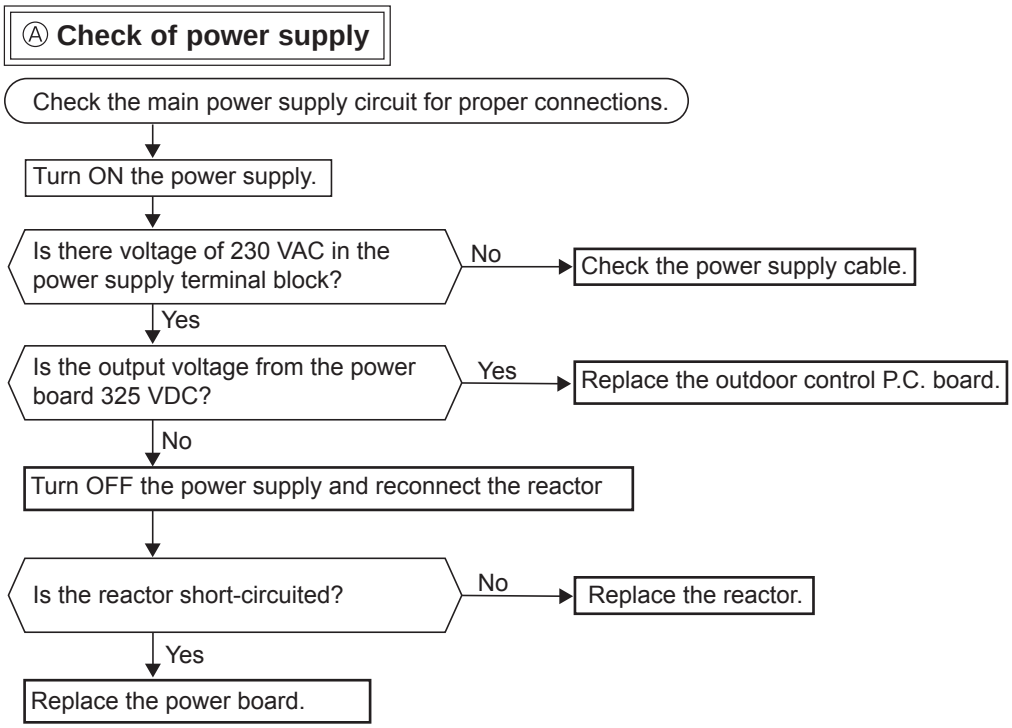
Outdoor heat exchanger temperature thermistor (RT68)</td><td>Measure the resistance with a tester.

Refer to 11-7. “TEST POINT DIAGRAM AND VOLTAGE” 1. “Outdoor control P.C. board” or 2. “Outdoor Power board" for the chart of thermistor.</td></tr>
<tr><td>Discharge temperature thermistor (RT62)</td><td>Measure the resistance with a tester.
Before measurement, hold the thermistor with your hands to warm it up.

Refer to 11-7. “TEST POINT DIAGRAM AND VOLTAGE” 1. “Outdoor control P.C. board” or 2. “Outdoor Power board" for the chart of thermistor.</td></tr>
<tr><td>Compressor
 
</td><td>Measure the resistance between terminals using a tester.
(Winding temperature : -10°C ~ 40°C)<table><tr><th>Normal (Each phase)</th></tr><tr><td>0.47 Ω ~ 0.57 Ω</td></tr></table></td></tr>
<tr><td>Outdoor fan motor</td><td>Refer to 11-6. Ⓖ .</td></tr>
<tr><td>R.V. coil</td><td>Measure the resistance using a tester. (Part temperature : -10°C ~ 40°C)<table><tr><th>Normal (Each phase)</th></tr><tr><td>1.26 kΩ ~ 1.62 kΩ</td></tr></table></td></tr>
<tr><td>Solenoid coil</td><td>Measure the resistance using a tester. (Part temperature : -10°C ~ 40°C)<table><tr><th>Normal (Each phase)</th></tr><tr><td>1.17 kΩ ~ 1.43 kΩ</td></tr></table></td></tr>
<tr><td>Linear expansion valve
 
</td><td>Measure the resistance using a tester. (Part temperature : -10°C ~ 40°C)<table><tr><th>Color of lead wire</th><th>Normal</th></tr><tr><td>WHT - RED</td><td rowspan="4">37.4 Ω ~ 53.9 Ω</td></tr><tr><td>RED - ORN</td></tr><tr><td>YLW - RED</td></tr><tr><td>RED - BLU</td></tr></table></td></tr>
<tr><td>High pressure switch (HPS)</td><td><table><tr><th colspan="2">Pressure</th><th>Normal</th></tr><tr><td rowspan="2">HPS</td><td>3.7 ± 0.3 MPa</td><td>Close</td></tr><tr><td>4.8 ± 0.2 MPa</td><td>Open</td></tr></table></td></tr>
</table>

11-6. TROUBLESHOOTING FLOW

Outdoor unit does not operate.



- **When unit cannot operate neither by the remote controller nor by EMERGENCY OPERATION switch. Indoor unit does not operate.**
- **When OPERATION INDICATOR lamp flashes ON and OFF every 0.5-second. Outdoor unit does not operate.**

Ⓑ How to check miswiring and serial signal error (when outdoor unit does not work)

LED indication for communication status

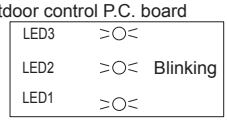
Communication status is indicated by the LED.

Unit status
Blinking: Normal communication
Lighted: Abnormal communication or not connected

Pattern 1 and 2 is repeatedly displayed alternately. Each pattern is displayed for 15 seconds.

NOTE: "Lighted" in the table below does not indicate abnormal communication.

Outdoor control P.C. board

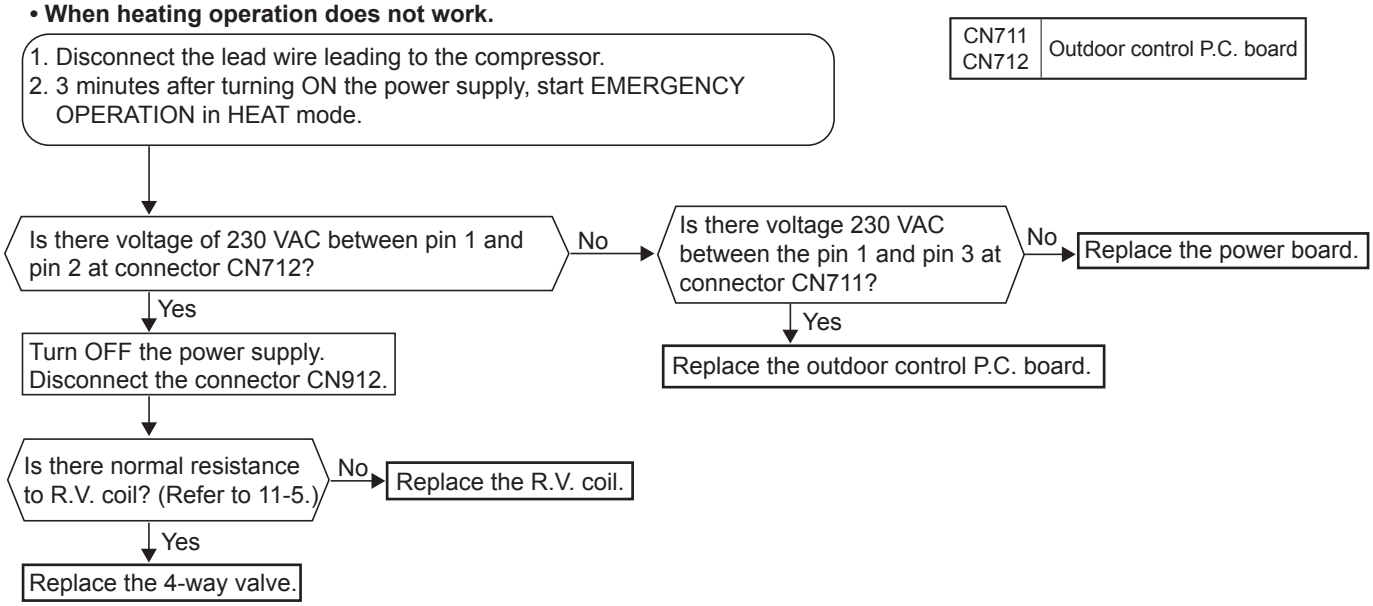


Pattern	LED 1	LED 2	LED 3
1	Unit A status	Unit B status	Lighted
2	Unit C status	Unit D status	Not lighted
3	Unit E status	Unit F status	Blinking

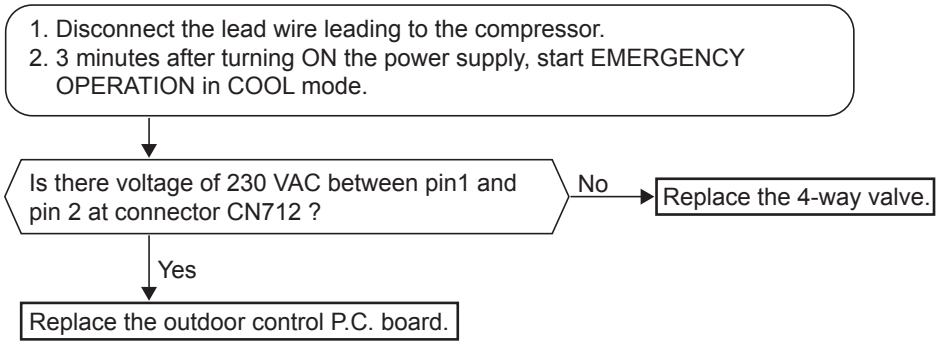
The cooling operation or heating operation does not operate.

Ⓒ Check of R.V. coil

• When heating operation does not work.

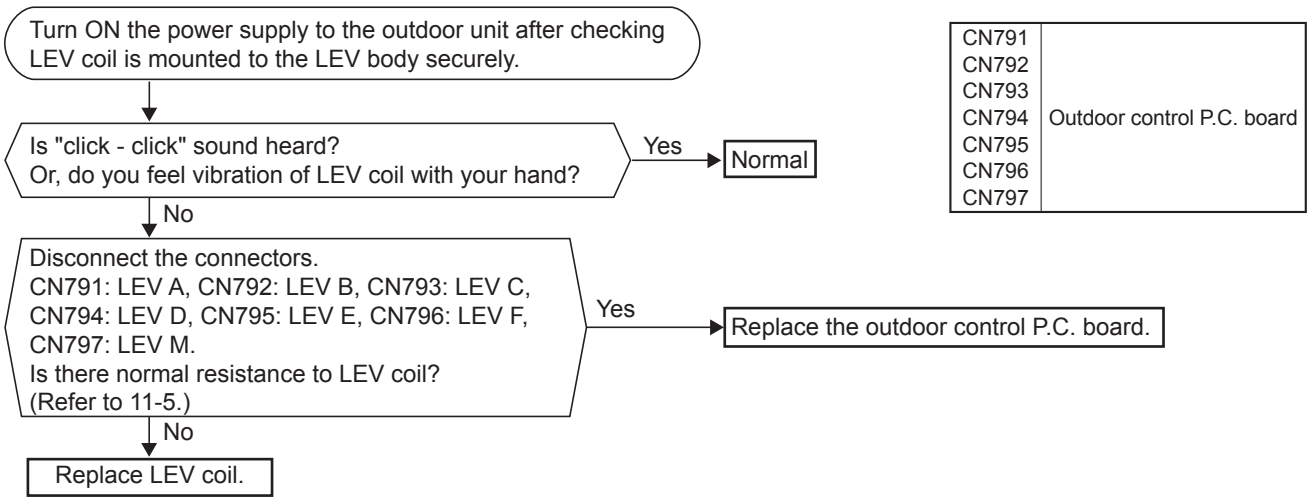


• When cooling operation does not work.



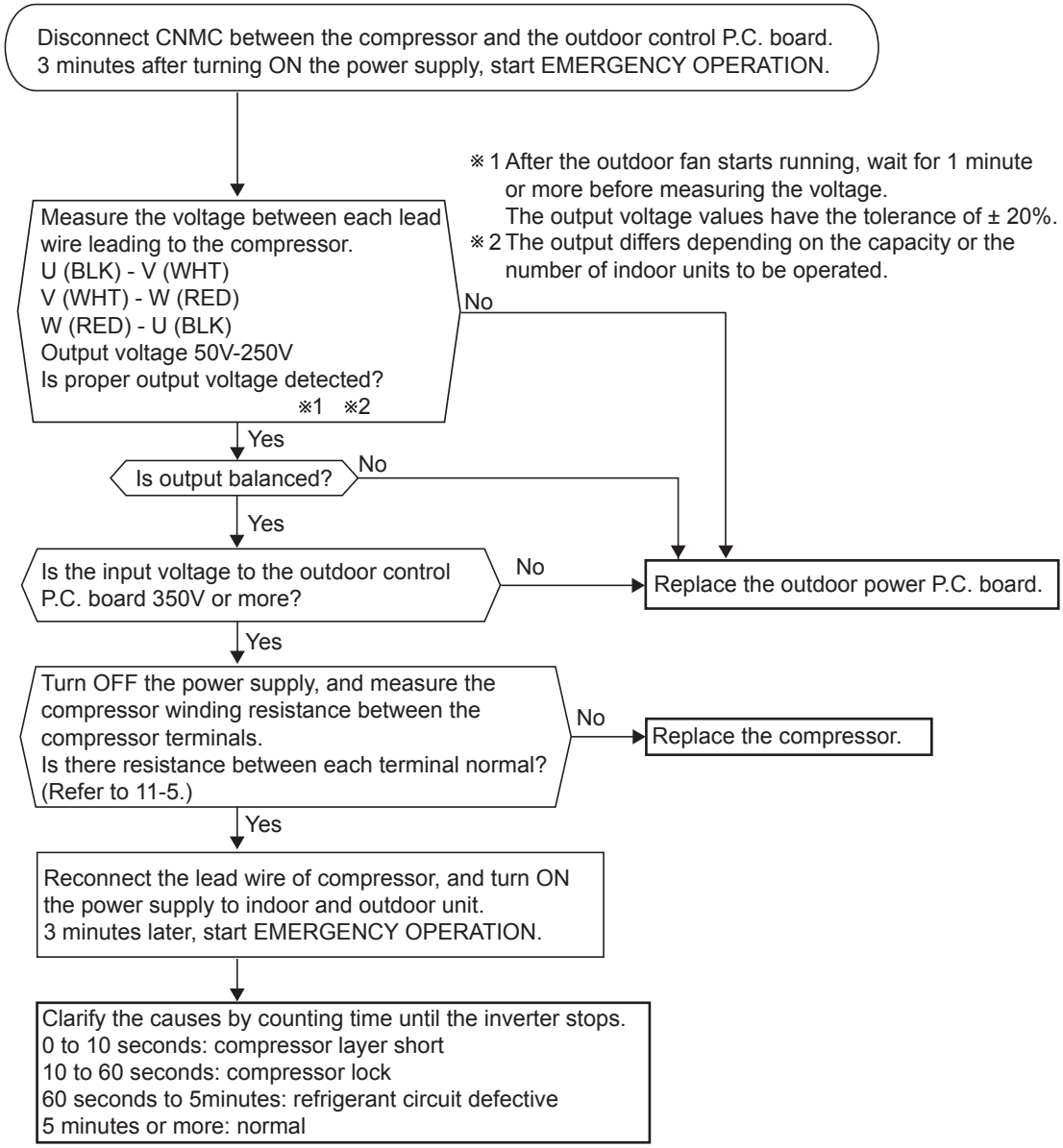
• When cooling, heat exchanger of non-operating indoor unit frosts.
• When heating, non-operating indoor unit gets warm.

Ⓓ Check of LEV



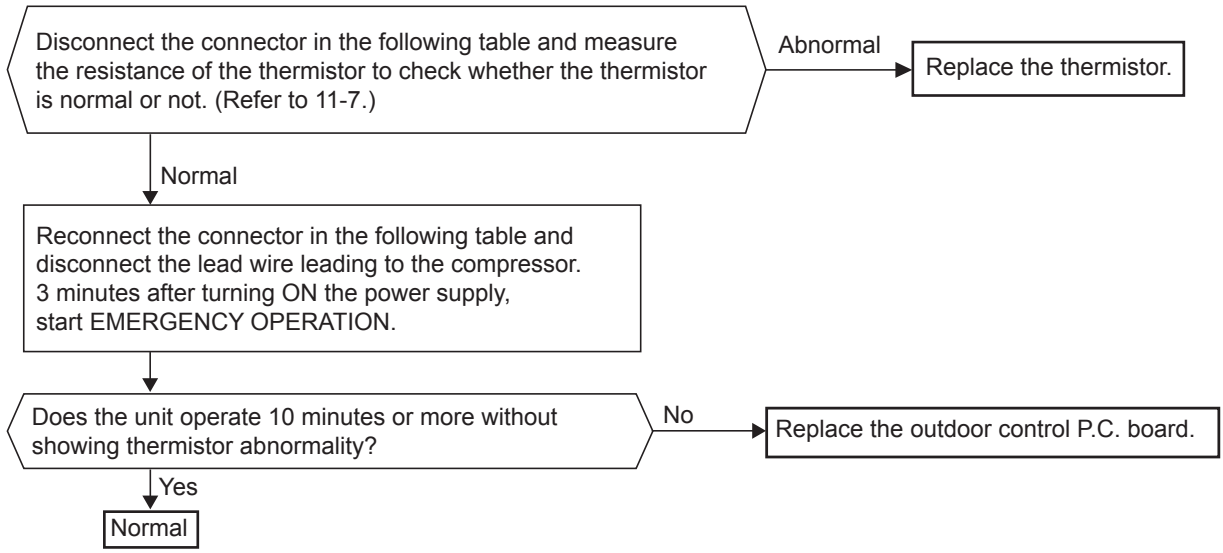
• When heating, room does not get warm.
• When cooling, room does not get cool.

Ⓔ How to check inverter/compressor



• When thermistor is abnormal.

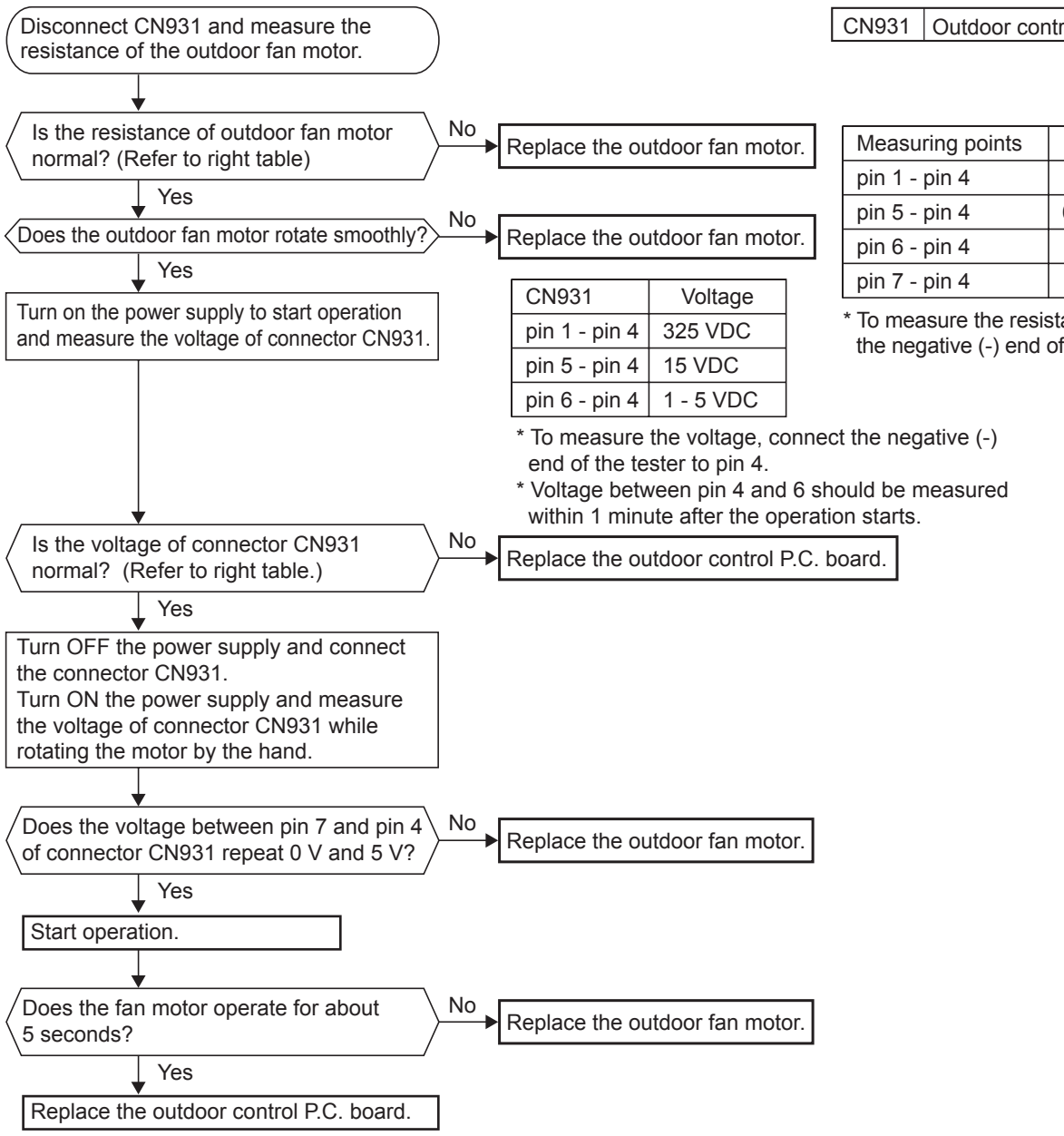
Ⓕ Check of outdoor thermistors



Thermistor	Symbol	Connector, Pin No.	Board
Defrost	RT61	Between CN661 pin1 and pin2	Outdoor control P.C. board
Discharge temperature	RT62	Between CN661 pin3 and pin4	
Outdoor heat exchanger temperature	RT68	Between CN661 pin5 and pin6	
Ambient temperature	RT65	Between CN663 pin1 and pin2	

• Fan motor does not operate or stops operating shortly after starting the operation.

Ⓖ Check of outdoor fan motor



CN931	Outdoor control P.C. board

Measuring points	Resistance
pin 1 - pin 4	∞
pin 5 - pin 4	60 kΩ
pin 6 - pin 4	160 kΩ
pin 7 - pin 4	∞

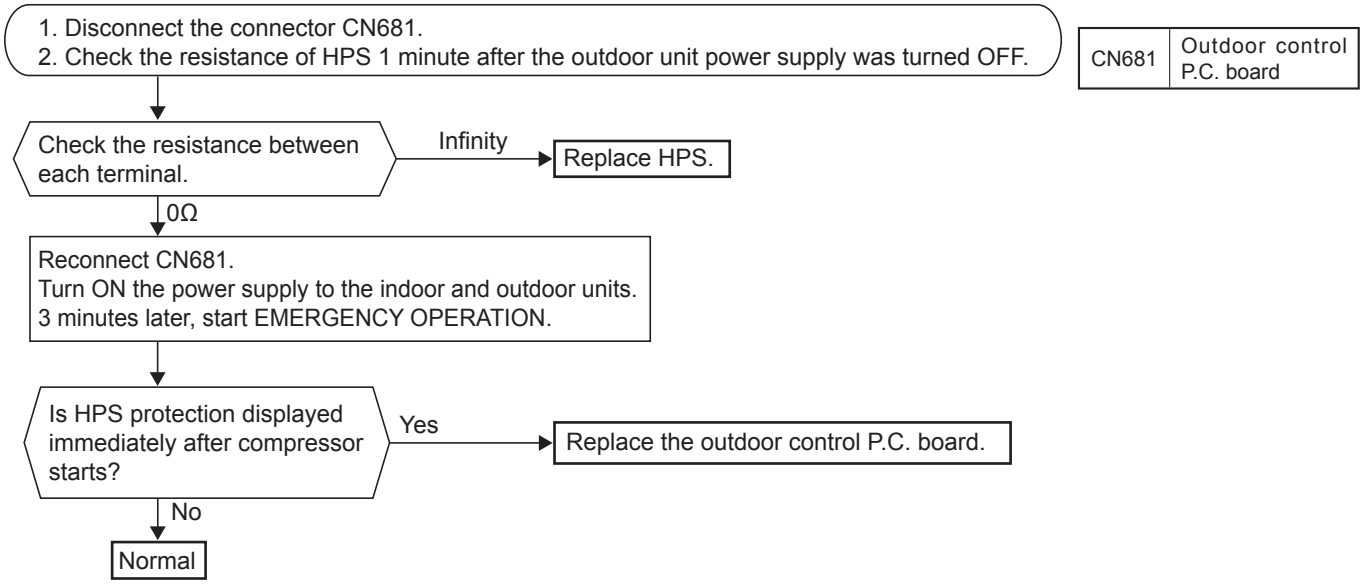
* To measure the resistance, connect the negative (-) end of the tester to pin 4.

CN931	Voltage
pin 1 - pin 4	325 VDC
pin 5 - pin 4	15 VDC
pin 6 - pin 4	1 - 5 VDC

* To measure the voltage, connect the negative (-) end of the tester to pin 4.
* Voltage between pin 4 and 6 should be measured within 1 minute after the operation starts.

• When the operation frequency does not go up from lowest frequency.

Ⓗ Check of HPS



Ⓘ The other cases

Indoor unit does not operate. (different operating models in multi system)

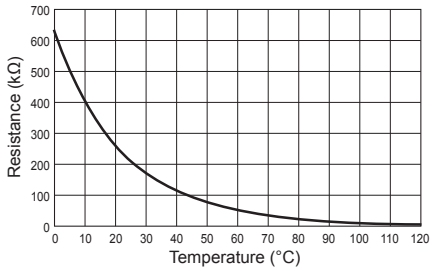
- When you try to run two indoor units simultaneously, one for cooling and the other for heating, the unit which transmits signal to the outdoor unit first decides the operation mode.
- When the above situation occurs, set all the indoor units to the same mode, turn OFF the indoor units, then turn them back ON.
- Though the top of the indoor unit sometimes gets warm, this does not mean malfunction. The reason is that the refrigerant gas continuously flows into the indoor unit even while it is not operating.

11-7. TEST POINT DIAGRAM AND VOLTAGE

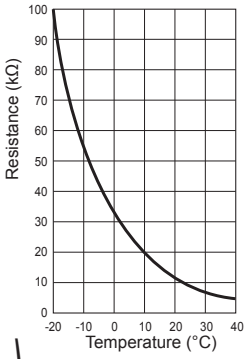
1. Outdoor control P.C. board

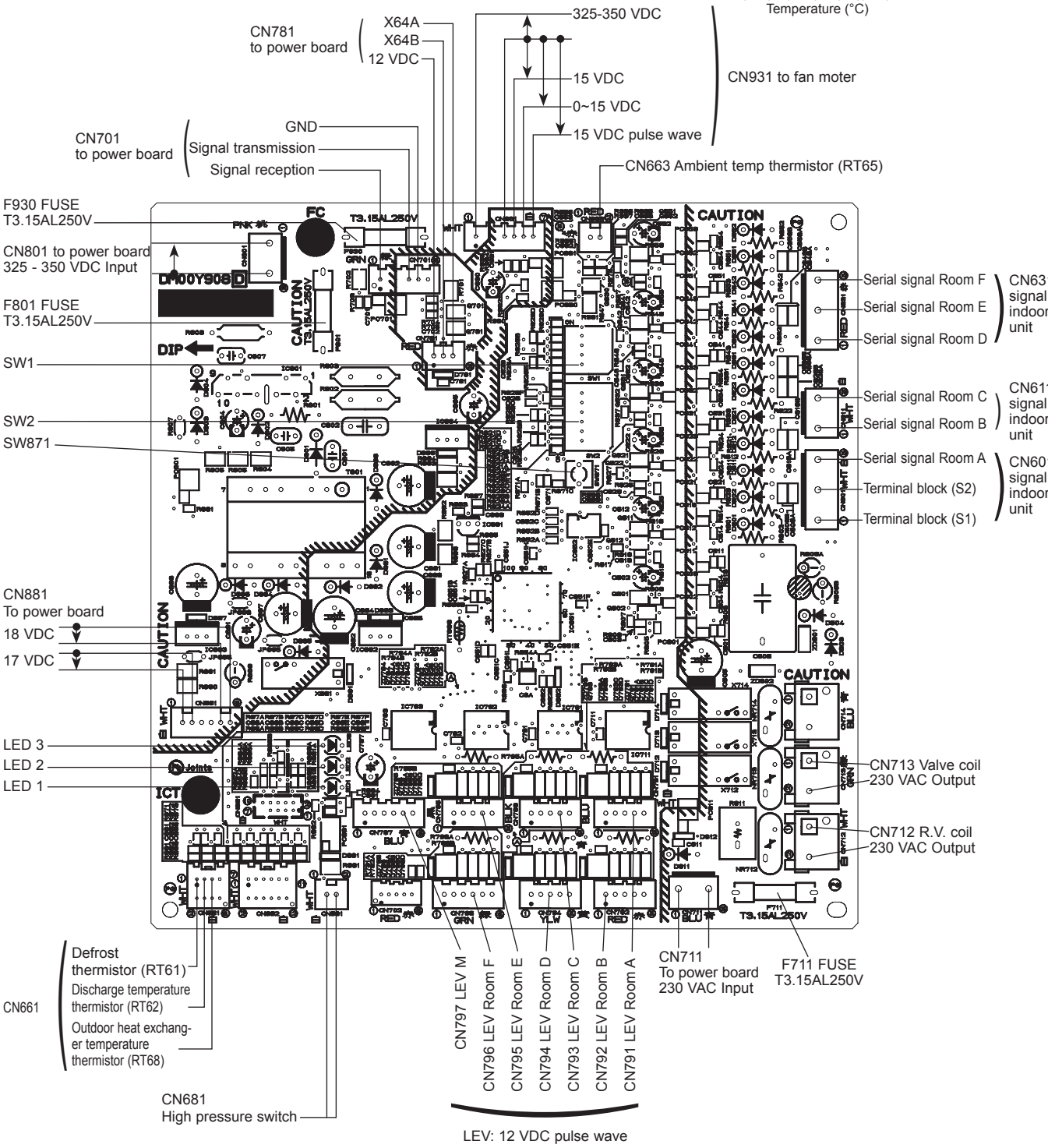
MXZ-6D120VA

Discharge temperature thermistor (RT62)



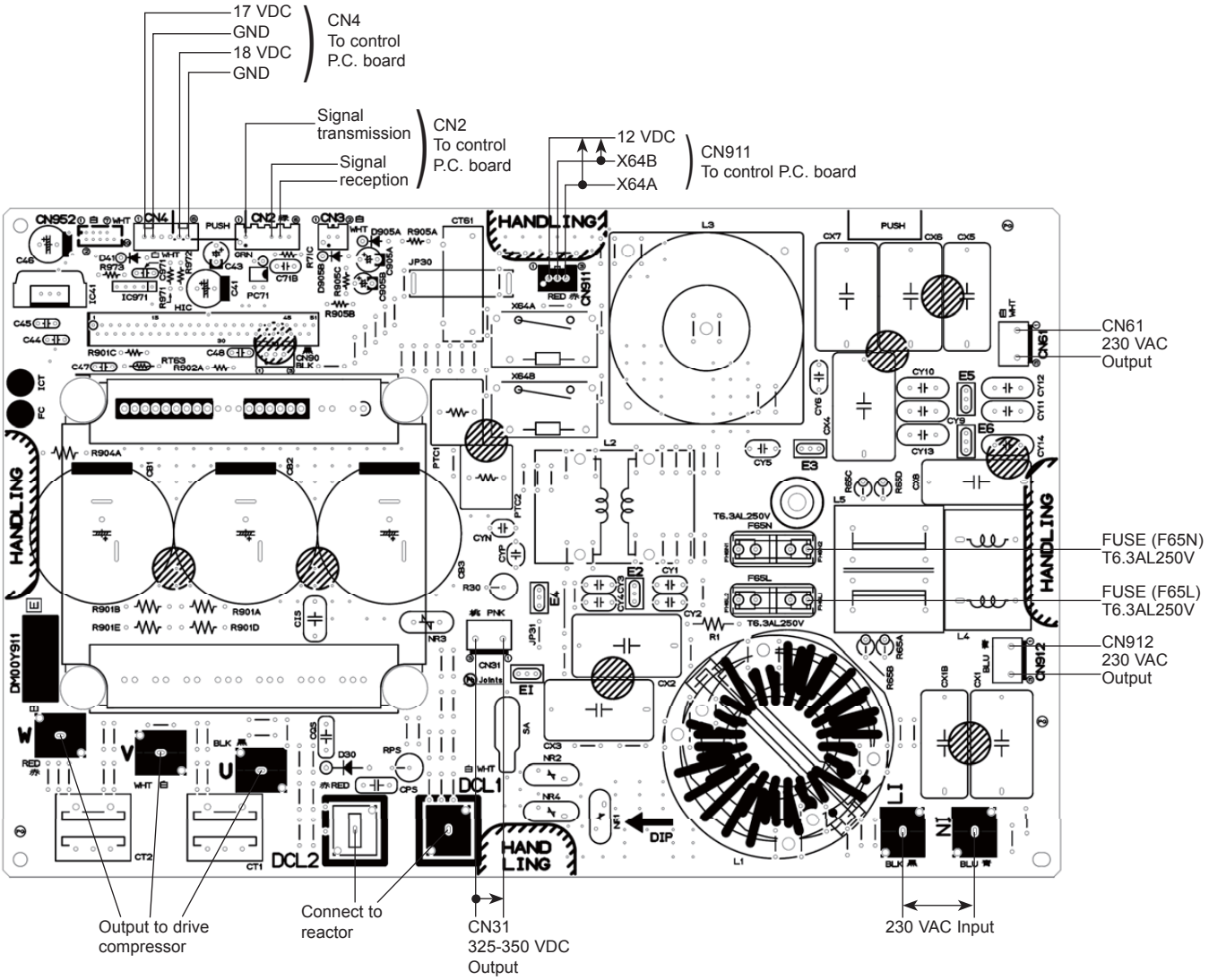
Defrost thermistor (RT61)
Ambient temperature thermistor (RT65)
Outdoor heat exchanger temperature thermistor (RT68)





2. Outdoor Power P.C. board

MXZ-6D120VA

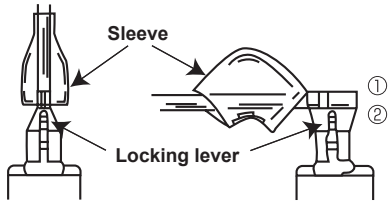


12 DISASSEMBLY INSTRUCTIONS

<"Terminal with locking mechanism" Detaching points>

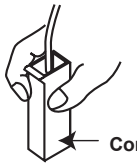
The terminal which has the locking mechanism can be detached as shown below.
There are two types (Refer to (1) and (2)) of the terminal with locking mechanism.
The terminal without locking mechanism can be detached by pulling it out.
Check the shape of the terminal before detaching.

(1) Slide the sleeve and check if there is a locking lever or not.



①Slide the sleeve.
②Pull the terminal while pushing the locking lever.

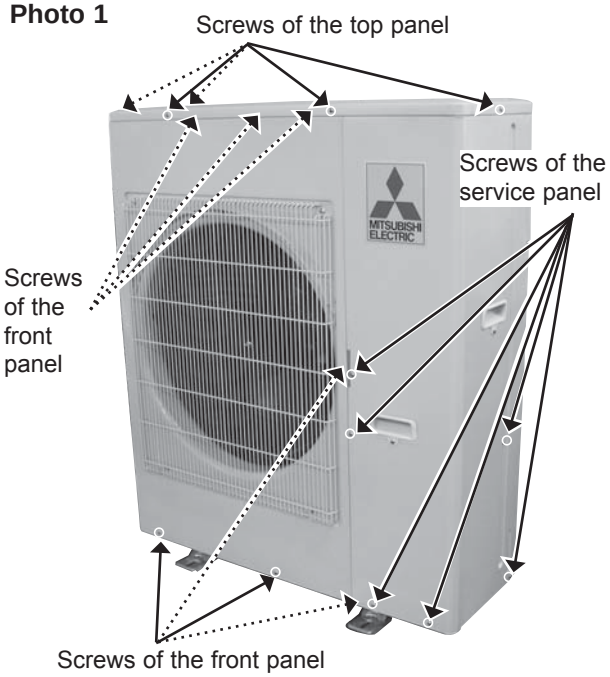
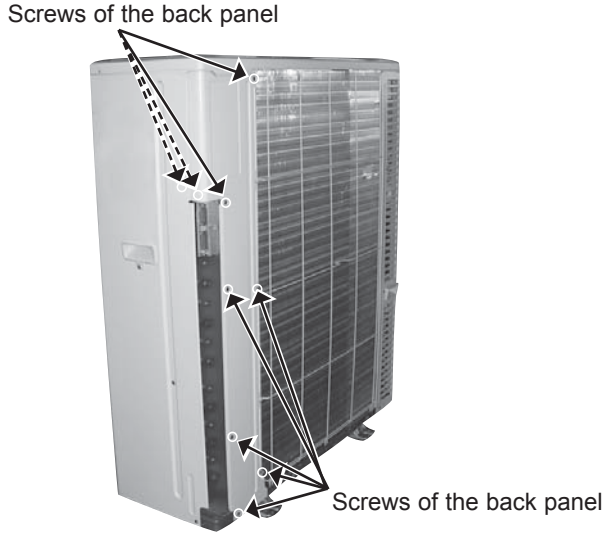
(2) The terminal with this connector has the locking mechanism.

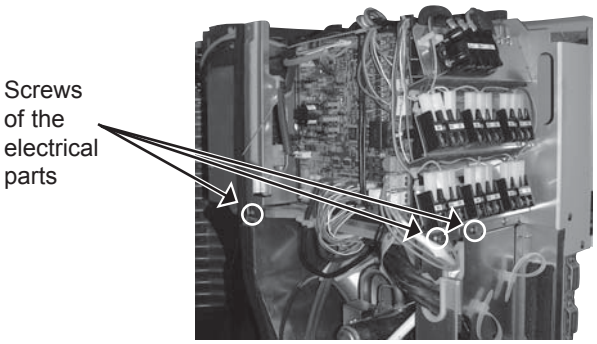
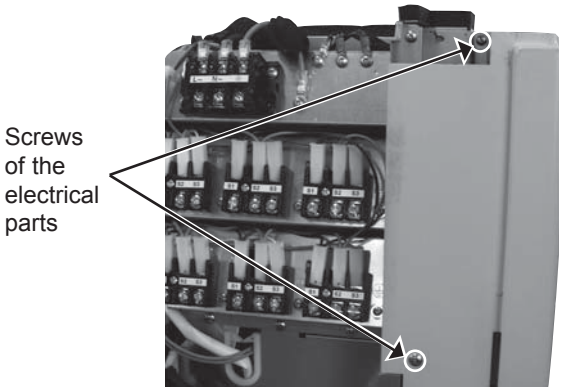
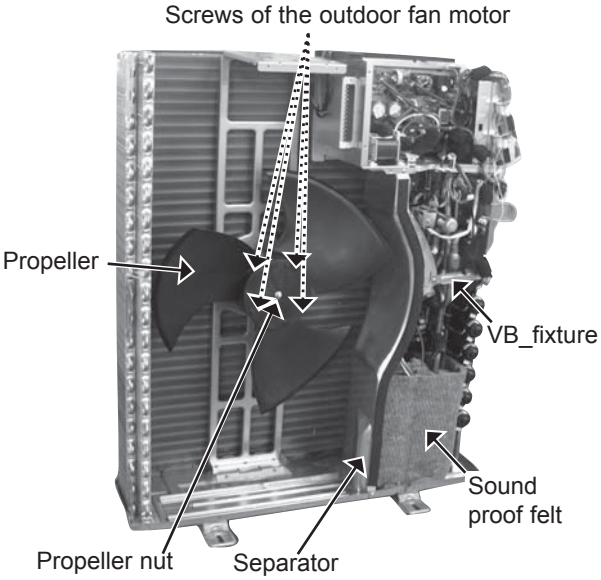
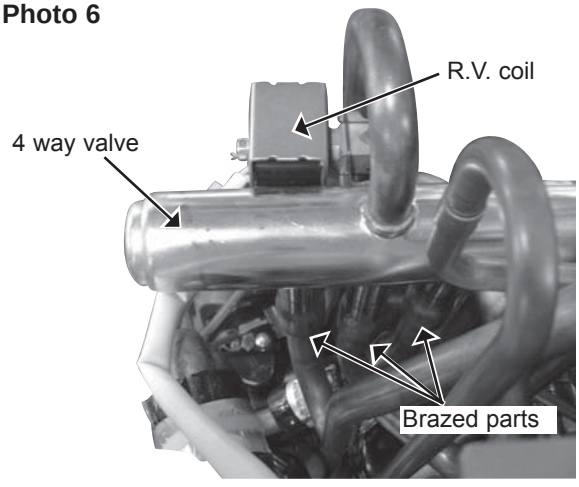


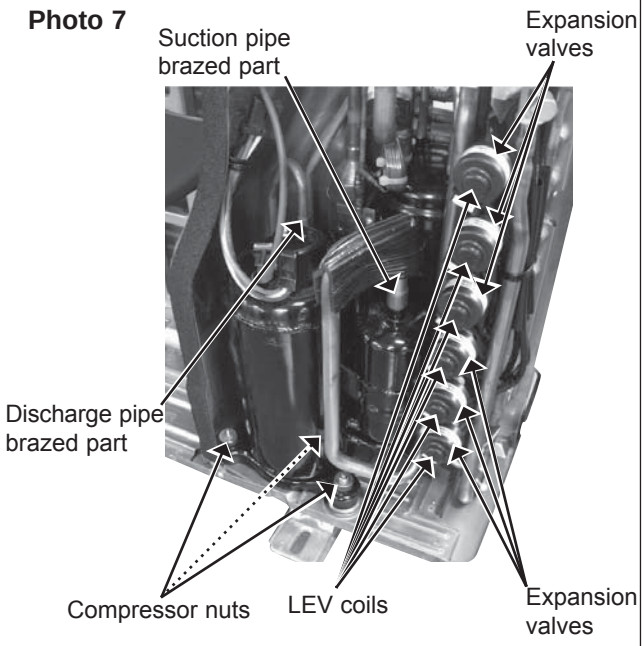
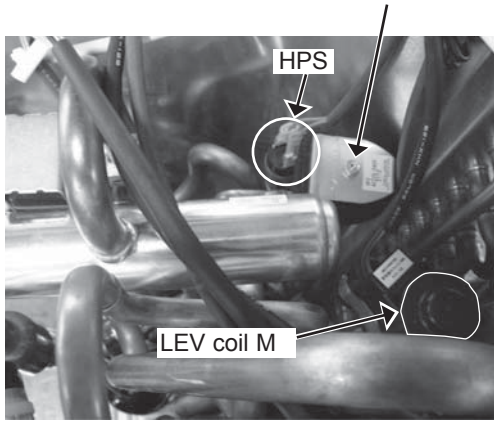
①Hold the sleeve, and pull out the terminal slowly.

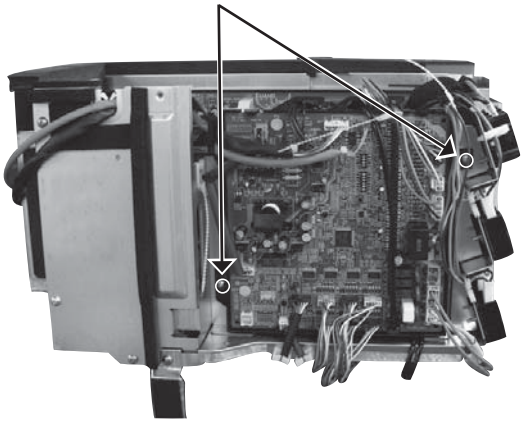
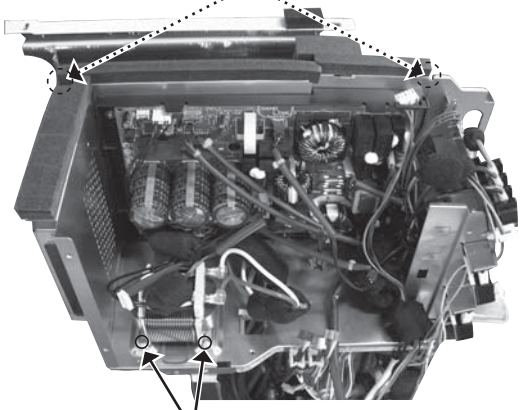
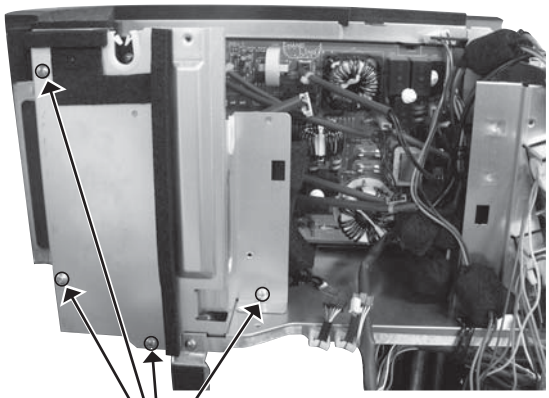
12-1. MXZ-6D120VA

NOTE: Turn OFF power supply before disassembly.

OPERATING PROCEDURE	PHOTOS
1. Removing the compressor (1) Remove the screws of the top panel, and remove the top panel. (2) Remove the screws of the service panel, and remove the service panel. (3) Recover gas from the refrigerant circuit. **NOTE:** Recover gas from the pipes until the pressure gauge shows 0 kg/cm² (0 MPa). (4) Remove the screws of the front panel, and remove the front panel. (5) Remove the screws of the back panel, and remove the back panel. (6) Disconnect the compressor lead wire from terminal of compressor (U, V, W). (7) Disconnect the outdoor control P.C. board connectors: CN661, CN663, CN681, CN712, CN713, CN791, CN792, CN793, CN794, CN795, CN796, CN797, CN931 (8) Remove the screws of the electrical parts, and remove the electrical parts (Photo 3, 4). (9) Remove the propeller (Photo 5). (10) Remove the VB_fixture (Photo 5). (11) Remove the screws of the separator, and remove the separator (Photo 5). (12) Remove the sound proof felt (Photo 5). (13) Detach the brazed parts of the compressor suction and discharge pipes (Photo 7). (14) Remove the compressor nuts and remove the compressor (Photo 7).	**Photo 1**  **Photo 2** 

OPERATING PROCEDURE	PHOTOS
Photo 3  	**Photo 4** 
2. Removing the fan motor (1) Remove the top panel, the service panel, and the front panel (Photo 1). (2) Disconnect the connector CN931 on the outdoor control P.C. board. (3) Remove the propeller. (4) Remove the fan motor.	**Photo 5** 
3. Removing the 4-way valve (1) Remove the top panel (Photo 1). (2) Remove the service panel, back panel, and pipe cover (Photo 1, 2). (3) Recover gas from the refrigerant circuit. **NOTE:** Recover gas from the pipes until the pressure gauge shows 0 kg/cm^2 (0 MPa). (4) Remove the electrical parts (Photo 3, 4). (5) Detach the brazed parts of 4-way valve and pipe.	**Photo 6** 

OPERATING PROCEDURE	PHOTOS
4. Removing the expansion valve (1) Remove the top panel (Photo 1). (2) Remove the service panel (Photo 1). (Gas recovery is not required if the unit is pumped down.) (3) Remove the front panel for removing LEV M (Photo 1). (4) Remove the electrical parts for removing LEV M (Photo 3, 4). (5) Remove the LEV coils. (6) Detach the brazed parts of expansion valves and pipes.	**Photo 7**  **Photo 8** 

OPERATING PROCEDURE	PHOTOS
5. Removing the control P.C. board, the reactor and the power board (1) Remove the top panel and the service panel (Photo 1). (2) Disconnect the connectors on the control P.C. board. Remove the screws of the control P.C. board, and remove the control P.C. board. (3) Remove the screws of the reactor cover, and remove the reactor cover. (4) Remove the screws of the reactor, and remove the reactor. (5) Remove the screws of the power board, and remove the power board.	**Photo 9** Screws of the control P.C. board 
Photo 11 Screws of the power board  Screws of the reactor	**Photo 10**  Screws of the reactor cover

MITSUBISHI ELECTRIC CORPORATION

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Distributed in Mar. 2014. No.OBH694
Made in Japan

New publication, effective Mar. 2014
Specifications are subject to change without notice.

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22	2.20						2.20 (2.00 - 3.00)	0.890 (0.850 - 0.940)	4.07	95
25	2.50						2.50 (2.20 - 3.30)	0.890 (0.850 - 0.970)	4.07	95
35	3.50						3.50 (2.50 - 4.30)	1.030 (0.850 - 1.180)	4.71	95
42	4.20						4.20 (2.50 - 5.00)	1.230 (0.850 - 1.460)	5.63	95
50	5.00						5.00 (2.60 - 5.60)	1.440 (0.850 - 1.630)	6.59	95
60	6.00						6.00 (2.70 - 7.50)	1.840 (0.830 - 2.310)	8.42	95
71	7.10						7.10 (2.70 - 8.70)	2.310 (0.830 - 2.840)	10.57	95
80	8.00						8.00 (2.80 - 9.20)	2.320 (0.830 - 3.060)	10.62	95
22+22	2.20	2.20					4.40 (2.70 - 5.90)	1.130 (0.840 - 1.900)	5.06	97
22+25	2.20	2.50					4.70 (2.70 - 6.20)	1.240 (0.840 - 2.090)	5.56	97
22+35	2.20	3.50					5.70 (2.70 - 7.20)	1.630 (0.840 - 2.520)	7.31	97
22+42	2.20	4.20					6.40 (2.80 - 7.80)	1.900 (0.840 - 2.720)	8.52	97
22+50	2.20	5.00					7.20 (2.80 - 8.50)	2.930 (0.840 - 2.970)	13.13	97
22+60	2.20	6.00					8.20 (2.80 - 9.10)	2.950 (0.840 - 3.110)	13.22	97
22+71	2.06	6.64					8.70 (2.80 - 9.40)	2.950 (0.840 - 3.130)	13.22	97
22+80	1.94	7.06					9.00 (2.80 - 9.60)	2.960 (0.840 - 3.140)	13.27	97
25+25	2.50	2.50					5.00 (2.70 - 6.50)	1.350 (0.840 - 2.280)	6.05	97
25+35	2.50	3.50					6.00 (2.80 - 7.50)	1.750 (0.840 - 2.620)	7.84	97
25+42	2.50	4.20					6.70 (2.80 - 8.10)	2.020 (0.840 - 2.820)	9.05	97
25+50	2.50	5.00					7.50 (2.80 - 8.70)	2.940 (0.840 - 3.020)	13.18	97
25+60	2.47	5.93					8.40 (2.80 - 9.20)	2.950 (0.840 - 3.130)	13.22	97
25+71	2.29	6.51					8.80 (2.80 - 9.40)	2.950 (0.840 - 3.130)	13.22	97
25+80	2.17	6.93					9.10 (2.80 - 9.70)	2.980 (0.830 - 3.160)	13.36	97
35+35	3.50	3.50					7.00 (2.80 - 8.40)	2.140 (0.840 - 2.920)	9.59	97
35+42	3.50	4.20					7.70 (2.80 - 8.80)	2.940 (0.840 - 3.040)	13.18	97
35+50	3.46	4.94					8.40 (2.80 - 9.20)	2.950 (0.840 - 3.130)	13.22	97
35+60	3.21	5.49					8.70 (2.80 - 9.40)	2.950 (0.840 - 3.130)	13.22	97
35+71	3.00	6.10					9.10 (2.80 - 9.70)	2.980 (0.830 - 3.160)	13.36	97
35+80	2.86	6.54					9.40 (2.90 - 10.00)	3.010 (0.820 - 3.200)	13.49	97
42+42	4.20	4.20					8.40 (2.80 - 9.20)	2.950 (0.840 - 3.130)	13.22	97
42+50	3.97	4.73					8.70 (2.80 - 9.40)	2.950 (0.840 - 3.130)	13.22	97
42+60	3.71	5.29					9.00 (2.80 - 9.60)	2.960 (0.840 - 3.140)	13.27	97
42+71	3.49	5.91					9.40 (2.90 - 10.00)	3.010 (0.820 - 3.200)	13.49	97
42+80	3.30	6.30					9.60 (2.90 - 10.20)	3.040 (0.810 - 3.230)	13.63	97
50+50	4.45	4.45					8.90 (2.80 - 9.50)	2.950 (0.840 - 3.130)	13.22	97
50+60	4.23	5.07					9.30 (2.90 - 9.90)	3.000 (0.830 - 3.190)	13.45	97
50+71	3.97	5.63					9.60 (2.90 - 10.20)	3.040 (0.810 - 3.230)	13.63	97
50+80	3.69	5.91					9.60 (2.90 - 10.20)	3.040 (0.810 - 3.230)	13.63	97
60+60	4.80	4.80					9.60 (2.90 - 10.20)	3.040 (0.810 - 3.230)	13.63	97
60+71	4.44	5.26					9.70 (2.90 - 10.30)	3.050 (0.810 - 3.240)	13.67	97
60+80	4.16	5.54					9.70 (2.90 - 10.30)	3.050 (0.810 - 3.240)	13.67	97
71+71	4.85	4.85					9.70 (2.90 - 10.30)	3.050 (0.810 - 3.240)	13.67	97
71+80	4.61	5.19					9.80 (2.90 - 10.50)	3.080 (0.810 - 3.270)	13.81	97
80+80	4.95	4.95					9.90 (2.90 - 10.60)	3.100 (0.810 - 3.290)	13.90	97
22+22+22	2.20	2.20	2.20				6.60 (3.20 - 8.50)	1.590 (0.890 - 2.500)	7.13	97
22+22+25	2.20	2.20	2.50				6.90 (3.20 - 8.80)	1.720 (0.890 - 2.720)	7.71	97

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+22+35	2.09	2.09	3.32				7.50 (3.20 - 9.70)	1.980 (0.890 - 3.340)	8.87	97
22+22+42	2.10	2.10	4.00				8.20 (3.20 - 10.10)	2.350 (0.890 - 3.580)	10.53	97
22+22+50	2.08	2.08	4.73				8.90 (3.30 - 10.60)	2.730 (0.890 - 3.870)	12.24	97
22+22+60	2.03	2.03	5.54				9.60 (3.30 - 11.10)	3.100 (0.890 - 4.170)	13.90	97
22+22+71	1.86	1.86	5.99				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
22+22+80	1.76	1.76	6.39				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
22+25+25	2.20	2.50	2.50				7.20 (3.20 - 9.20)	1.850 (0.890 - 3.000)	8.29	97
22+25+35	2.20	2.50	3.50				8.20 (3.20 - 9.90)	2.350 (0.890 - 3.460)	10.53	97
22+25+42	2.03	2.30	3.87				8.20 (3.20 - 10.30)	2.350 (0.890 - 3.700)	10.53	97
22+25+50	2.02	2.29	4.59				8.90 (3.30 - 10.70)	2.730 (0.890 - 3.930)	12.24	97
22+25+60	1.97	2.24	5.38				9.60 (3.30 - 11.20)	3.100 (0.890 - 4.230)	13.90	97
22+25+71	1.83	2.08	5.90				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
22+25+80	1.71	1.95	6.24				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
22+35+35	2.13	3.39	3.39				8.90 (3.30 - 10.50)	2.730 (0.890 - 3.810)	12.24	97
22+35+42	1.98	3.15	3.78				8.90 (3.30 - 10.90)	2.730 (0.890 - 4.050)	12.24	97
22+35+50	1.97	3.14	4.49				9.60 (3.30 - 11.20)	3.100 (0.890 - 4.230)	13.90	97
22+35+60	1.84	2.93	5.03				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
22+35+71	1.72	2.73	5.55				10.00 (3.30 - 11.60)	3.440 (0.890 - 4.490)	15.42	97
22+35+80	1.64	2.61	5.96				10.20 (3.30 - 11.80)	3.540 (0.890 - 4.640)	15.87	97
22+42+42	1.99	3.80	3.80				9.60 (3.30 - 11.20)	3.100 (0.890 - 4.230)	13.90	97
22+42+50	1.87	3.57	4.25				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
22+42+60	1.76	3.35	4.79				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
22+42+71	1.66	3.17	5.36				10.20 (3.30 - 11.80)	3.540 (0.890 - 4.640)	15.87	97
22+42+80	1.59	3.03	5.78				10.40 (3.30 - 12.00)	3.640 (0.890 - 4.780)	16.32	97
22+50+50	1.77	4.02	4.02				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
22+50+60	1.68	3.83	4.59				10.10 (3.30 - 11.70)	3.490 (0.890 - 4.570)	15.64	97
22+50+71	1.60	3.64	5.16				10.40 (3.30 - 12.00)	3.640 (0.890 - 4.780)	16.32	97
22+50+80	1.55	3.52	5.63				10.70 (3.30 - 12.30)	3.730 (0.890 - 4.870)	16.72	97
22+60+60	1.61	4.39	4.39				10.40 (3.30 - 12.00)	3.640 (0.890 - 4.780)	16.32	97
22+60+71	1.54	4.20	4.97				10.70 (3.30 - 12.30)	3.730 (0.890 - 4.870)	16.72	97
22+60+80	1.49	4.07	5.43				11.00 (3.30 - 12.50)	3.680 (0.870 - 4.740)	16.49	97
22+71+71	1.48	4.76	4.76				11.00 (3.30 - 12.60)	3.680 (0.870 - 4.680)	16.49	97
22+71+80	1.44	4.64	5.23				11.30 (3.40 - 12.80)	3.640 (0.860 - 4.550)	16.32	97
25+25+25	2.50	2.50	2.50				7.50 (3.20 - 9.50)	1.980 (0.890 - 3.220)	8.87	97
25+25+35	2.41	2.41	3.38				8.20 (3.20 - 10.10)	2.350 (0.890 - 3.580)	10.53	97
25+25+42	2.42	2.42	4.06				8.90 (3.30 - 10.50)	2.730 (0.890 - 3.810)	12.24	97
25+25+50	2.40	2.40	4.80				9.60 (3.30 - 10.90)	3.100 (0.890 - 4.050)	13.90	97
25+25+60	2.20	2.20	5.29				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
25+25+71	2.02	2.02	5.75				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
25+25+80	1.92	1.92	6.15				10.00 (3.30 - 11.60)	3.440 (0.890 - 4.490)	15.42	97
25+35+35	2.34	3.28	3.28				8.90 (3.30 - 10.60)	2.730 (0.890 - 3.870)	12.24	97
25+35+42	2.35	3.29	3.95				9.60 (3.30 - 11.00)	3.100 (0.890 - 4.110)	13.90	97
25+35+50	2.20	3.09	4.41				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
25+35+60	2.04	2.86	4.90				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
25+35+71	1.91	2.67	5.42				10.00 (3.30 - 11.60)	3.440 (0.890 - 4.490)	15.42	97
25+35+80	1.84	2.58	5.89				10.30 (3.30 - 11.90)	3.590 (0.890 - 4.710)	16.09	97

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+42+42	2.22	3.74	3.74				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
25+42+50	2.09	3.52	4.19				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
25+42+60	1.95	3.27	4.68				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
25+42+71	1.87	3.13	5.30				10.30 (3.30 - 11.90)	3.590 (0.890 - 4.710)	16.09	97
25+42+80	1.79	3.00	5.71				10.50 (3.30 - 12.10)	3.690 (0.890 - 4.860)	16.54	97
25+50+50	1.98	3.96	3.96				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
25+50+60	1.89	3.78	4.53				10.20 (3.30 - 11.80)	3.540 (0.890 - 4.640)	15.87	97
25+50+71	1.80	3.60	5.11				10.50 (3.30 - 12.10)	3.690 (0.890 - 4.860)	16.54	97
25+50+80	1.74	3.48	5.57				10.80 (3.30 - 12.30)	3.710 (0.880 - 4.870)	16.63	97
25+60+60	1.81	4.34	4.34				10.50 (3.30 - 12.10)	3.690 (0.890 - 4.860)	16.54	97
25+60+71	1.73	4.15	4.92				10.80 (3.30 - 12.40)	3.710 (0.880 - 4.800)	16.63	97
25+60+80	1.68	4.04	5.38				11.10 (3.40 - 12.60)	3.670 (0.870 - 4.680)	16.45	97
25+71+71	1.66	4.72	4.72				11.10 (3.40 - 12.70)	3.670 (0.870 - 4.610)	16.45	97
25+71+80	1.62	4.60	5.18				11.40 (3.40 - 12.90)	3.620 (0.860 - 4.480)	16.23	97
35+35+35	3.20	3.20	3.20				9.60 (3.30 - 11.20)	3.100 (0.890 - 4.230)	13.90	97
35+35+42	3.03	3.03	3.64				9.70 (3.30 - 11.30)	3.200 (0.890 - 4.290)	14.34	97
35+35+50	2.86	2.86	4.08				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
35+35+60	2.69	2.69	4.62				10.00 (3.30 - 11.60)	3.440 (0.890 - 4.490)	15.42	97
35+35+71	2.56	2.56	5.19				10.30 (3.30 - 11.90)	3.590 (0.890 - 4.710)	16.09	97
35+35+80	2.47	2.47	5.65				10.60 (3.30 - 12.20)	3.740 (0.890 - 4.930)	16.76	97
35+42+42	2.88	3.46	3.46				9.80 (3.30 - 11.40)	3.290 (0.890 - 4.360)	14.75	97
35+42+50	2.73	3.27	3.90				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
35+42+60	2.61	3.13	4.47				10.20 (3.30 - 11.80)	3.540 (0.890 - 4.640)	15.87	97
35+42+71	2.48	2.98	5.04				10.50 (3.30 - 12.10)	3.690 (0.890 - 4.860)	16.54	97
35+42+80	2.41	2.89	5.50				10.80 (3.30 - 12.40)	3.710 (0.880 - 4.800)	16.63	97
35+50+50	2.64	3.78	3.78				10.20 (3.30 - 11.80)	3.540 (0.890 - 4.640)	15.87	97
35+50+60	2.53	3.62	4.34				10.50 (3.30 - 12.10)	3.690 (0.890 - 4.860)	16.54	97
35+50+71	2.42	3.46	4.92				10.80 (3.30 - 12.40)	3.710 (0.880 - 4.800)	16.63	97
35+50+80	2.35	3.36	5.38				11.10 (3.40 - 12.60)	3.670 (0.870 - 4.680)	16.45	97
35+60+60	2.44	4.18	4.18				10.80 (3.30 - 12.30)	3.710 (0.880 - 4.870)	16.63	97
35+60+71	2.34	4.01	4.75				11.10 (3.40 - 12.60)	3.670 (0.870 - 4.680)	16.45	97
35+60+80	2.28	3.91	5.21				11.40 (3.40 - 12.90)	3.620 (0.860 - 4.480)	16.23	97
35+71+71	2.25	4.57	4.57				11.40 (3.40 - 12.90)	3.620 (0.850 - 4.480)	16.23	97
42+42+42	3.30	3.30	3.30				9.90 (3.30 - 11.50)	3.390 (0.890 - 4.420)	15.19	97
42+42+50	3.17	3.17	3.77				10.10 (3.30 - 11.70)	3.490 (0.890 - 4.570)	15.64	97
42+42+60	3.03	3.03	4.33				10.40 (3.30 - 12.00)	3.640 (0.890 - 4.780)	16.32	97
42+42+71	2.93	2.93	4.95				10.80 (3.30 - 12.30)	3.710 (0.880 - 4.870)	16.63	97
42+42+80	2.82	2.82	5.37				11.00 (3.30 - 12.60)	3.680 (0.870 - 4.680)	16.49	97
42+50+50	3.08	3.66	3.66				10.40 (3.30 - 12.00)	3.640 (0.890 - 4.780)	16.32	97
42+50+60	2.96	3.52	4.22				10.70 (3.30 - 12.30)	3.730 (0.890 - 4.870)	16.72	97
42+50+71	2.83	3.37	4.79				11.00 (3.30 - 12.50)	3.680 (0.870 - 4.740)	16.49	97
42+50+80	2.76	3.28	5.26				11.30 (3.40 - 12.80)	3.640 (0.860 - 4.550)	16.32	97
42+60+60	2.85	4.07	4.07				11.00 (3.30 - 12.50)	3.680 (0.870 - 4.740)	16.49	97
42+60+71	2.74	3.92	4.64				11.30 (3.40 - 12.80)	3.640 (0.860 - 4.550)	16.32	97
50+50+50	3.53	3.53	3.53				10.60 (3.30 - 12.20)	3.740 (0.890 - 4.930)	16.76	97
50+50+60	3.41	3.41	4.09				10.90 (3.30 - 12.50)	3.700 (0.880 - 4.740)	16.58	97
50+50+71	3.27	3.27	4.65				11.20 (3.40 - 12.80)	3.650 (0.860 - 4.550)	16.36	97
50+50+80	3.19	3.19	5.11				11.50 (3.40 - 13.00)	3.610 (0.850 - 4.420)	16.18	97

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Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
50+60+60	3.29	3.95	3.95				11.20 (3.40 - 12.70)	3.650 (0.860 - 4.610)	16.36	97
60+60+60	3.83	3.83	3.83				11.50 (3.40 - 13.00)	3.610 (0.850 - 4.420)	16.18	97
22+22+22+22	2.20	2.20	2.20	2.20			8.80 (3.30 - 11.00)	2.310 (0.870 - 3.850)	10.14	99
22+22+22+25	2.20	2.20	2.20	2.50			9.10 (3.30 - 11.20)	2.500 (0.870 - 3.900)	10.98	99
22+22+22+35	2.18	2.18	2.18	3.47			10.00 (3.30 - 11.80)	3.070 (0.870 - 4.050)	13.48	99
22+22+22+42	2.06	2.06	2.06	3.93			10.10 (3.30 - 11.90)	3.110 (0.870 - 4.100)	13.66	99
22+22+22+50	1.95	1.95	1.95	4.44			10.30 (3.30 - 12.00)	3.190 (0.870 - 4.140)	14.01	99
22+22+22+60	1.83	1.83	1.83	5.00			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
22+22+22+71	1.70	1.70	1.70	5.49			10.60 (3.40 - 12.40)	3.310 (0.870 - 4.330)	14.54	99
22+22+22+80	1.61	1.61	1.61	5.86			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+25+25	2.20	2.20	2.50	2.50			9.40 (3.30 - 11.40)	2.690 (0.870 - 3.950)	11.81	99
22+22+25+35	2.14	2.14	2.43	3.40			10.10 (3.30 - 11.90)	3.110 (0.870 - 4.100)	13.66	99
22+22+25+42	2.02	2.02	2.30	3.86			10.20 (3.30 - 12.00)	3.150 (0.870 - 4.140)	13.83	99
22+22+25+50	1.90	1.90	2.16	4.33			10.30 (3.30 - 12.10)	3.190 (0.870 - 4.190)	14.01	99
22+22+25+60	1.79	1.79	2.03	4.88			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
22+22+25+71	1.68	1.68	1.91	5.43			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+25+80	1.58	1.58	1.80	5.74			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+35+35	1.97	1.97	3.13	3.13			10.20 (3.30 - 12.00)	3.150 (0.870 - 4.140)	13.83	99
22+22+35+42	1.89	1.89	3.01	3.61			10.40 (3.40 - 12.10)	3.230 (0.870 - 4.190)	14.19	99
22+22+35+50	1.79	1.79	2.85	4.07			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
22+22+35+60	1.69	1.69	2.69	4.62			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+35+71	1.57	1.57	2.50	5.06			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+35+80	1.49	1.49	2.38	5.43			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+42+42	1.80	1.80	3.45	3.45			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
22+22+42+50	1.71	1.71	3.27	3.90			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
22+22+42+60	1.61	1.61	3.08	4.40			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+42+71	1.51	1.51	2.89	4.88			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+42+80	1.43	1.43	2.73	5.20			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+50+50	1.63	1.63	3.72	3.72			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+22+50+60	1.54	1.54	3.51	4.21			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+50+71	1.44	1.44	3.27	4.65			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+50+80	1.37	1.37	3.10	4.97			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+60+60	1.45	1.45	3.95	3.95			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+60+71	1.36	1.36	3.70	4.38			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+25+25	2.20	2.50	2.50	2.50			9.70 (3.30 - 11.60)	2.880 (0.870 - 4.000)	12.65	99
22+25+25+35	2.08	2.36	2.36	3.30			10.10 (3.30 - 11.90)	3.110 (0.870 - 4.100)	13.66	99
22+25+25+42	1.97	2.24	2.24	3.76			10.20 (3.30 - 12.00)	3.150 (0.870 - 4.140)	13.83	99
22+25+25+50	1.88	2.13	2.13	4.26			10.40 (3.40 - 12.10)	3.230 (0.870 - 4.190)	14.19	99
22+25+25+60	1.77	2.01	2.01	4.82			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
22+25+25+71	1.65	1.87	1.87	5.31			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+25+80	1.55	1.76	1.76	5.63			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+35+35	1.94	2.20	3.08	3.08			10.30 (3.30 - 12.10)	3.190 (0.870 - 4.190)	14.01	99
22+25+35+42	1.85	2.10	2.94	3.52			10.40 (3.40 - 12.20)	3.230 (0.870 - 4.240)	14.19	99
22+25+35+50	1.77	2.01	2.81	4.02			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
22+25+35+60	1.66	1.88	2.64	4.52			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+35+71	1.54	1.75	2.45	4.97			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+35+80	1.47	1.67	2.33	5.33			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+42+42	1.76	2.00	3.37	3.37			10.50 (3.40 - 12.30)	3.270 (0.870 - 4.280)	14.36	99

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Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+25+42+50	1.69	1.92	3.23	3.85			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+42+60	1.58	1.80	3.02	4.31			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+42+71	1.49	1.69	2.84	4.79			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+42+80	1.41	1.60	2.68	5.11			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+50+50	1.60	1.82	3.64	3.64			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+25+50+60	1.51	1.72	3.44	4.13			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+50+71	1.41	1.61	3.21	4.56			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+50+80	1.34	1.53	3.05	4.88			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+60+60	1.42	1.62	3.88	3.88			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+25+60+71	1.33	1.52	3.64	4.31			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+35+35	1.82	2.89	2.89	2.89			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
22+35+35+42	1.74	2.77	2.77	3.32			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
22+35+35+50	1.66	2.64	2.64	3.77			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+35+35+60	1.55	2.46	2.46	4.22			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+35+35+71	1.46	2.32	2.32	4.70			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+35+80	1.38	2.20	2.20	5.02			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+42+42	1.67	2.66	3.19	3.19			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+35+42+50	1.58	2.51	3.02	3.59			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+35+42+60	1.49	2.38	2.85	4.08			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+42+71	1.40	2.22	2.67	4.51			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+42+80	1.33	2.11	2.53	4.83			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+50+50	1.51	2.41	3.44	3.44			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+50+60	1.42	2.26	3.23	3.88			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+50+71	1.33	2.12	3.03	4.31			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+35+60+60	1.34	2.14	3.66	3.66			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+42+42+42	1.59	3.04	3.04	3.04			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
22+42+42+50	1.52	2.91	2.91	3.46			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+42+42+60	1.43	2.73	2.73	3.90			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+42+42+71	1.34	2.56	2.56	4.33			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+42+50+50	1.45	2.77	3.29	3.29			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+42+50+60	1.37	2.61	3.10	3.72			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+50+50+50	1.38	3.14	3.14	3.14			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+25+25	2.50	2.50	2.50	2.50			10.00 (3.30 - 11.80)	3.070 (0.870 - 4.050)	13.48	99
25+25+25+35	2.32	2.32	2.32	3.25			10.20 (3.30 - 12.00)	3.150 (0.870 - 4.140)	13.83	99
25+25+25+42	2.20	2.20	2.20	3.70			10.30 (3.30 - 12.10)	3.190 (0.870 - 4.190)	14.01	99
25+25+25+50	2.08	2.08	2.08	4.16			10.40 (3.40 - 12.20)	3.230 (0.870 - 4.240)	14.19	99
25+25+25+60	1.96	1.96	1.96	4.71			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
25+25+25+71	1.83	1.83	1.83	5.20			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+25+25+80	1.74	1.74	1.74	5.57			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+35+35	2.17	2.17	3.03	3.03			10.40 (3.40 - 12.10)	3.230 (0.870 - 4.190)	14.19	99
25+25+35+42	2.07	2.07	2.89	3.47			10.50 (3.40 - 12.20)	3.270 (0.870 - 4.240)	14.36	99
25+25+35+50	1.96	1.96	2.75	3.93			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
25+25+35+60	1.84	1.84	2.58	4.43			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+25+35+71	1.73	1.73	2.42	4.92			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+35+80	1.64	1.64	2.29	5.24			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+42+42	1.98	1.98	3.32	3.32			10.60 (3.40 - 12.30)	3.310 (0.870 - 4.280)	14.54	99
25+25+42+50	1.88	1.88	3.16	3.77			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+25+42+60	1.76	1.76	2.96	4.22			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99

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Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+25+42+71	1.66	1.66	2.78	4.70			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+42+80	1.57	1.57	2.64	5.02			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+50+50	1.78	1.78	3.57	3.57			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+25+50+60	1.69	1.69	3.38	4.05			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+50+71	1.58	1.58	3.16	4.48			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+50+80	1.50	1.50	3.00	4.80			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+25+60+60	1.59	1.59	3.81	3.81			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+35+35	2.02	2.83	2.83	2.83			10.50 (3.40 - 12.30)	3.270 (0.870 - 4.280)	14.36	99
25+35+35+42	1.93	2.71	2.71	3.25			10.60 (3.40 - 12.40)	3.310 (0.870 - 4.330)	14.54	99
25+35+35+50	1.84	2.58	2.58	3.69			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+35+35+60	1.74	2.44	2.44	4.18			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+35+71	1.63	2.28	2.28	4.62			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+35+80	1.54	2.16	2.16	4.94			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+42+42	1.86	2.60	3.12	3.12			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+35+42+50	1.76	2.46	2.96	3.52			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+35+42+60	1.67	2.33	2.80	4.00			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+42+71	1.56	2.18	2.62	4.43			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+50+50	1.69	2.36	3.38	3.38			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+50+60	1.59	2.22	3.18	3.81			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+35+60+60	1.50	2.10	3.60	3.60			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+42+42+42	1.77	2.98	2.98	2.98			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
25+42+42+50	1.70	2.85	2.85	3.40			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+42+42+60	1.60	2.68	2.68	3.83			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+42+42+71	1.50	2.52	2.52	4.26			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+42+50+50	1.62	2.72	3.23	3.23			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+42+50+60	1.53	2.56	3.05	3.66			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
25+50+50+50	1.54	3.09	3.09	3.09			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+35+35	2.68	2.68	2.68	2.68			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
35+35+35+42	2.55	2.55	2.55	3.06			10.70 (3.40 - 12.40)	3.350 (0.870 - 4.330)	14.71	99
35+35+35+50	2.44	2.44	2.44	3.48			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+35+60	2.29	2.29	2.29	3.93			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+35+71	2.15	2.15	2.15	4.36			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+42+42	2.45	2.45	2.95	2.95			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+42+50	2.33	2.33	2.80	3.33			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+42+60	2.20	2.20	2.64	3.77			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+50+50	2.22	2.22	3.18	3.18			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+35+50+60	2.10	2.10	3.00	3.60			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+42+42+42	2.35	2.82	2.82	2.82			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+42+42+50	2.24	2.68	2.68	3.20			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+42+42+60	2.11	2.53	2.53	3.62			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
35+42+50+50	2.14	2.56	3.05	3.05			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
42+42+42+42	2.70	2.70	2.70	2.70			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
42+42+42+50	2.58	2.58	2.58	3.07			10.80 (3.40 - 12.50)	3.380 (0.870 - 4.400)	14.84	99
22+22+22+22+22	2.20	2.20	2.20	2.20	2.20		11.00 (3.50 - 13.20)	3.350 (0.890 - 5.810)	14.71	99
22+22+22+22+25	2.18	2.18	2.18	2.18	2.48		11.20 (3.50 - 13.20)	3.470 (0.890 - 5.800)	15.24	99
22+22+22+22+35	2.11	2.11	2.11	2.11	3.36		11.80 (3.50 - 13.20)	3.830 (0.890 - 5.770)	16.82	99
22+22+22+22+42	2.01	2.01	2.01	2.01	3.84		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+22+50	1.90	1.90	1.90	1.90	4.31		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+22+22+22+60	1.77	1.77	1.77	1.77	4.82		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+22+71	1.65	1.65	1.65	1.65	5.31		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+22+80	1.56	1.56	1.56	1.56	5.67		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+25	2.16	2.16	2.16	2.46	2.46		11.40 (3.50 - 13.20)	3.590 (0.890 - 5.790)	15.77	99
22+22+22+25+35	2.08	2.08	2.08	2.36	3.31		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+42	1.97	1.97	1.97	2.24	3.76		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+50	1.86	1.86	1.86	2.11	4.22		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+60	1.73	1.73	1.73	1.97	4.73		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+71	1.62	1.62	1.62	1.84	5.22		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+25+80	1.53	1.53	1.53	1.74	5.57		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+35+35	1.93	1.93	1.93	3.06	3.06		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+35+42	1.83	1.83	1.83	2.91	3.50		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+35+50	1.73	1.73	1.73	2.76	3.94		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+35+60	1.63	1.63	1.63	2.59	4.43		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+35+71	1.52	1.52	1.52	2.42	4.91		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+42+42	1.75	1.75	1.75	3.33	3.33		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+42+50	1.66	1.66	1.66	3.16	3.77		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+42+60	1.56	1.56	1.56	2.98	4.25		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+42+71	1.46	1.46	1.46	2.79	4.72		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+50+50	1.58	1.58	1.58	3.58	3.58		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+50+60	1.49	1.49	1.49	3.38	4.06		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+25	2.13	2.13	2.42	2.42	2.42		11.50 (3.50 - 13.20)	3.650 (0.890 - 5.780)	16.03	99
22+22+25+25+35	2.03	2.03	2.31	2.31	3.23		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+42	1.93	1.93	2.19	2.19	3.68		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+50	1.82	1.82	2.07	2.07	4.13		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+60	1.70	1.70	1.93	1.93	4.64		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+71	1.59	1.59	1.80	1.80	5.12		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+25+80	1.50	1.50	1.71	1.71	5.47		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+35+35	1.88	1.88	2.14	3.00	3.00		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+35+42	1.79	1.79	2.04	2.85	3.42		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+35+50	1.70	1.70	1.93	2.70	3.86		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+35+60	1.60	1.60	1.81	2.54	4.35		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+35+71	1.50	1.50	1.70	2.38	4.83		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+42+42	1.71	1.71	1.94	3.27	3.27		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+42+50	1.63	1.63	1.85	3.10	3.70		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+42+60	1.53	1.53	1.74	2.92	4.18		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+50+50	1.55	1.55	1.76	3.52	3.52		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+25+50+60	1.46	1.46	1.66	3.32	3.99		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+35+35	1.76	1.76	2.80	2.80	2.80		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+35+42	1.68	1.68	2.67	2.67	3.20		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+35+50	1.60	1.60	2.54	2.54	3.63		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+35+60	1.50	1.50	2.39	2.39	4.10		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+42+42	1.61	1.61	2.56	3.07	3.07		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+42+50	1.53	1.53	2.44	2.92	3.48		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+35+50+50	1.46	1.46	2.33	3.32	3.32		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+42+42+42	1.54	1.54	2.94	2.94	2.94		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+42+42+50	1.47	1.47	2.81	2.81	3.34		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+25	2.11	2.40	2.40	2.40	2.40		11.70 (3.50 - 13.20)	3.770 (0.890 - 5.770)	16.56	99

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+25+25+25+35	1.98	2.25	2.25	2.25	3.16		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+42	1.88	2.14	2.14	2.14	3.60		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+50	1.78	2.02	2.02	2.02	4.05		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+60	1.67	1.89	1.89	1.89	4.55		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+71	1.56	1.77	1.77	1.77	5.03		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+25+80	1.48	1.68	1.68	1.68	5.38		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+35+35	1.84	2.10	2.10	2.93	2.93		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+35+42	1.76	2.00	2.00	2.80	3.35		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+35+50	1.67	1.89	1.89	2.65	3.79		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+35+60	1.57	1.78	1.78	2.49	4.28		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+35+71	1.47	1.67	1.67	2.34	4.75		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+42+42	1.68	1.91	1.91	3.20	3.20		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+42+50	1.60	1.81	1.81	3.05	3.63		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+42+60	1.50	1.71	1.71	2.87	4.10		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+25+50+50	1.52	1.73	1.73	3.46	3.46		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+35+35	1.72	1.96	2.74	2.74	2.74		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+35+42	1.65	1.87	2.62	2.62	3.14		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+35+50	1.57	1.78	2.49	2.49	3.56		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+35+60	1.48	1.68	2.35	2.35	4.03		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+42+42	1.58	1.79	2.51	3.01	3.01		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+35+42+50	1.50	1.71	2.39	2.87	3.42		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+25+42+42+42	1.51	1.72	2.89	2.89	2.89		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+35+35+35+35	1.62	2.57	2.57	2.57	2.57		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+35+35+35+42	1.55	2.46	2.46	2.46	2.96		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+35+35+35+50	1.48	2.35	2.35	2.35	3.36		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+35+35+42+42	1.49	2.37	2.37	2.84	2.84		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+25	2.38	2.38	2.38	2.38	2.38		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+35	2.20	2.20	2.20	2.20	3.09		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+42	2.10	2.10	2.10	2.10	3.52		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+50	1.98	1.98	1.98	1.98	3.97		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+60	1.86	1.86	1.86	1.86	4.46		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+71	1.74	1.74	1.74	1.74	4.94		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+25+80	1.65	1.65	1.65	1.65	5.29		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+35+35	2.05	2.05	2.05	2.87	2.87		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+35+42	1.96	1.96	1.96	2.74	3.29		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+35+50	1.86	1.86	1.86	2.60	3.72		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+35+60	1.75	1.75	1.75	2.45	4.20		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+42+42	1.87	1.87	1.87	3.14	3.14		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+42+50	1.78	1.78	1.78	2.99	3.56		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+42+60	1.68	1.68	1.68	2.82	4.03		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+25+50+50	1.70	1.70	1.70	3.40	3.40		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+35+35	1.92	1.92	2.69	2.69	2.69		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+35+42	1.84	1.84	2.57	2.57	3.09		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+35+50	1.75	1.75	2.45	2.45	3.50		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+35+60	1.65	1.65	2.31	2.31	3.97		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+42+42	1.76	1.76	2.46	2.96	2.96		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+35+42+50	1.68	1.68	2.35	2.82	3.36		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+25+42+42+42	1.69	1.69	2.84	2.84	2.84		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+35+35+35+35	1.80	2.52	2.52	2.52	2.52		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+35+35+35+42	1.73	2.42	2.42	2.42	2.91		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+35+35+35+50	1.65	2.31	2.31	2.31	3.31		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
25+35+35+42+42	1.66	2.33	2.33	2.79	2.79		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
35+35+35+35+35	2.38	2.38	2.38	2.38	2.38		11.90 (3.50 - 13.20)	3.890 (0.890 - 5.760)	17.08	99
22+22+22+22+22+22	1.92	1.92	1.92	1.92	1.92	1.92	11.50 (3.50 - 13.50)	3.400 (0.880 - 5.200)	14.93	99
22+22+22+22+22+25	1.89	1.89	1.89	1.89	1.89	2.15	11.60 (3.50 - 13.50)	3.410 (0.880 - 5.220)	14.98	99
22+22+22+22+22+35	1.81	1.81	1.81	1.81	1.81	2.87	11.90 (3.50 - 13.50)	3.460 (0.880 - 5.290)	15.20	99
22+22+22+22+22+42	1.74	1.74	1.74	1.74	1.74	3.32	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+22+50	1.65	1.65	1.65	1.65	1.65	3.75	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+22+60	1.55	1.55	1.55	1.55	1.55	4.24	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+25+25	1.87	1.87	1.87	1.87	2.12	2.12	11.70 (3.50 - 13.50)	3.430 (0.880 - 5.240)	15.06	99
22+22+22+22+25+35	1.77	1.77	1.77	1.77	2.01	2.81	11.90 (3.50 - 13.50)	3.470 (0.880 - 5.310)	15.24	99
22+22+22+22+25+42	1.70	1.70	1.70	1.70	1.94	3.25	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+25+50	1.62	1.62	1.62	1.62	1.84	3.68	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+25+60	1.53	1.53	1.53	1.53	1.73	4.16	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+35+35	1.67	1.67	1.67	1.67	2.66	2.66	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+35+42	1.60	1.60	1.60	1.60	2.55	3.05	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+35+50	1.53	1.53	1.53	1.53	2.43	3.47	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+42+42	1.53	1.53	1.53	1.53	2.93	2.93	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+22+42+50	1.47	1.47	1.47	1.47	2.80	3.33	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+25+25	1.84	1.84	1.84	2.09	2.09	2.09	11.80 (3.50 - 13.50)	3.440 (0.880 - 5.260)	15.11	99
22+22+22+25+25+35	1.75	1.75	1.75	1.99	1.99	2.78	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+25+42	1.67	1.67	1.67	1.90	1.90	3.19	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+25+50	1.59	1.59	1.59	1.81	1.81	3.61	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+25+60	1.50	1.50	1.50	1.70	1.70	4.09	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+35+35	1.64	1.64	1.64	1.86	2.61	2.61	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+35+42	1.57	1.57	1.57	1.79	2.50	3.00	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+35+50	1.50	1.50	1.50	1.70	2.39	3.41	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+25+42+42	1.51	1.51	1.51	1.71	2.88	2.88	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+35+35+35	1.54	1.54	1.54	2.46	2.46	2.46	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+22+35+35+42	1.48	1.48	1.48	2.36	2.36	2.83	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+25+25	1.80	1.80	2.05	2.05	2.05	2.05	11.80 (3.50 - 13.50)	3.450 (0.880 - 5.280)	15.15	99
22+22+25+25+25+35	1.71	1.71	1.95	1.95	1.95	2.73	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+25+42	1.64	1.64	1.86	1.86	1.86	3.13	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+25+50	1.56	1.56	1.78	1.78	1.78	3.55	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+25+60	1.47	1.47	1.68	1.68	1.68	4.02	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+35+35	1.61	1.61	1.83	1.83	2.56	2.56	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+35+42	1.54	1.54	1.75	1.75	2.46	2.95	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+35+50	1.47	1.47	1.68	1.68	2.35	3.35	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+25+42+42	1.48	1.48	1.69	1.69	2.83	2.83	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+22+25+35+35+35	1.52	1.52	1.72	2.41	2.41	2.41	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+25+25+25+25+25	1.78	2.02	2.02	2.02	2.02	2.02	11.90 (3.50 - 13.50)	3.470 (0.880 - 5.300)	15.24	99
22+25+25+25+25+35	1.68	1.91	1.91	1.91	1.91	2.68	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+25+25+25+25+42	1.61	1.83	1.83	1.83	1.83	3.07	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+25+25+25+25+50	1.53	1.74	1.74	1.74	1.74	3.49	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+25+25+25+35+35	1.58	1.80	1.80	1.80	2.51	2.51	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
22+25+25+25+35+42	1.52	1.72	1.72	1.72	2.41	2.90	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99

MXZ-6D120VA COOLING

Indoor units combination	Cooling capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+25+25+35+35+35	1.49	1.69	1.69	2.37	2.37	2.37	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+25+25	2.00	2.00	2.00	2.00	2.00	2.00	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+25+35	1.88	1.88	1.88	1.88	1.88	2.63	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+25+42	1.80	1.80	1.80	1.80	1.80	3.02	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+25+50	1.71	1.71	1.71	1.71	1.71	3.43	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+35+35	1.76	1.76	1.76	1.76	2.47	2.47	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+25+35+42	1.69	1.69	1.69	1.69	2.37	2.85	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99
25+25+25+35+35+35	1.67	1.67	1.67	2.33	2.33	2.33	12.00 (3.50 - 13.50)	3.478 (0.880 - 5.320)	15.27	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22	3.30						3.30 (2.70 - 4.20)	1.110 (0.960 - 1.360)	5.08	95
25	3.60						3.60 (2.70 - 4.50)	1.170 (0.960 - 1.450)	5.35	95
35	4.00						4.00 (2.70 - 5.50)	1.140 (0.960 - 1.810)	5.22	95
42	5.40						5.40 (2.70 - 6.50)	1.610 (0.960 - 2.260)	7.37	95
50	7.20						7.20 (2.70 - 7.70)	2.270 (0.960 - 2.710)	10.39	95
60	7.90						7.90 (2.70 - 9.30)	2.270 (0.850 - 3.310)	10.39	95
71	8.60						8.60 (2.70 - 9.90)	2.410 (0.850 - 3.790)	11.03	95
80	9.00						9.00 (2.70 - 11.10)	2.530 (0.850 - 4.270)	11.58	95
22+22	3.30	3.30					6.60 (2.80 - 7.60)	1.740 (0.830 - 2.200)	7.80	97
22+25	3.23	3.67					6.90 (2.80 - 8.30)	1.850 (0.830 - 2.450)	8.29	97
22+35	2.89	4.61					7.50 (2.80 - 9.50)	2.090 (0.830 - 2.970)	9.37	97
22+42	2.68	5.12					7.80 (2.80 - 10.00)	2.220 (0.830 - 3.240)	9.95	97
22+50	2.57	5.83					8.40 (2.80 - 10.60)	2.360 (0.830 - 3.340)	10.58	97
22+60	2.79	7.61					10.40 (2.80 - 11.50)	3.270 (0.830 - 3.670)	14.66	97
22+71	2.63	8.47					11.10 (2.80 - 12.30)	3.470 (0.830 - 3.850)	15.55	97
22+80	2.44	8.86					11.30 (2.80 - 12.70)	3.450 (0.830 - 3.920)	15.46	97
25+25	3.60	3.60					7.20 (2.80 - 9.00)	1.950 (0.830 - 2.700)	8.74	97
25+35	3.17	4.43					7.60 (2.80 - 9.70)	2.130 (0.830 - 3.080)	9.55	97
25+42	2.95	4.95					7.90 (2.80 - 10.20)	2.270 (0.830 - 3.350)	10.17	97
25+50	3.00	6.00					9.00 (2.80 - 10.90)	2.630 (0.830 - 3.450)	11.79	97
25+60	3.18	7.62					10.80 (2.80 - 11.80)	3.450 (0.830 - 3.760)	15.46	97
25+71	2.92	8.28					11.20 (2.80 - 12.50)	3.470 (0.830 - 3.880)	15.55	97
25+80	2.69	8.61					11.30 (2.80 - 12.70)	3.400 (0.820 - 3.920)	15.24	97
35+35	4.00	4.00					8.00 (2.80 - 10.40)	2.310 (0.830 - 3.460)	10.35	97
35+42	4.27	5.13					9.40 (2.80 - 11.10)	2.810 (0.830 - 3.520)	12.60	97
35+50	4.45	6.35					10.80 (2.80 - 11.80)	3.450 (0.830 - 3.760)	15.46	97
35+60	4.09	7.01					11.10 (2.80 - 12.40)	3.470 (0.830 - 3.870)	15.55	97
35+71	3.73	7.57					11.30 (2.80 - 12.70)	3.380 (0.820 - 3.920)	15.15	97
35+80	3.44	7.86					11.30 (2.80 - 12.80)	3.230 (0.810 - 3.590)	14.48	97
42+42	5.40	5.40					10.80 (2.80 - 11.70)	3.450 (0.830 - 3.740)	15.46	97
42+50	5.07	6.03					11.10 (2.80 - 12.20)	3.470 (0.830 - 3.830)	15.55	97
42+60	4.65	6.65					11.30 (2.80 - 12.70)	3.450 (0.830 - 3.920)	15.46	97
42+71	4.20	7.10					11.30 (2.80 - 12.80)	3.270 (0.810 - 3.590)	14.66	97
42+80	3.89	7.41					11.30 (2.80 - 12.80)	3.140 (0.800 - 3.590)	14.07	97
50+50	5.65	5.65					11.30 (2.80 - 12.70)	3.480 (0.830 - 3.920)	15.60	97
50+60	5.14	6.16					11.30 (2.80 - 12.80)	3.320 (0.820 - 3.590)	14.88	97
50+71	4.67	6.63					11.30 (2.80 - 12.80)	3.150 (0.800 - 3.590)	14.12	97
50+80	4.35	6.95					11.30 (2.80 - 12.90)	3.120 (0.800 - 3.570)	13.98	97
60+60	5.65	5.65					11.30 (2.80 - 12.80)	3.150 (0.800 - 3.590)	14.12	97
60+71	5.18	6.12					11.30 (2.80 - 12.90)	3.120 (0.800 - 3.570)	13.98	97
60+80	4.84	6.46					11.30 (2.80 - 13.00)	3.090 (0.800 - 3.550)	13.85	97
71+71	5.65	5.65					11.30 (2.80 - 13.00)	3.080 (0.800 - 3.550)	13.81	97
71+80	5.31	5.99					11.30 (2.90 - 13.00)	3.000 (0.800 - 3.460)	13.45	97
80+80	5.65	5.65					11.30 (2.90 - 13.00)	2.910 (0.800 - 3.370)	13.04	97
22+22+22	3.30	3.30	3.30				9.90 (3.20 - 12.60)	2.490 (0.770 - 4.190)	11.16	97
22+22+25	3.25	3.25	3.70				10.20 (3.20 - 12.90)	2.660 (0.770 - 4.230)	11.92	97
22+22+35	3.06	3.06	4.87				11.00 (3.20 - 13.60)	3.120 (0.770 - 4.380)	13.98	97
22+22+42	2.87	2.87	5.47				11.20 (3.20 - 13.90)	3.240 (0.770 - 4.570)	14.52	97

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+22+50	2.71	2.71	6.17				11.60 (3.20 - 14.10)	3.500 (0.770 - 4.690)	15.69	97
22+22+60	2.54	2.54	6.92				12.00 (3.20 - 14.50)	3.750 (0.770 - 4.940)	16.81	97
22+22+71	2.35	2.35	7.59				12.30 (3.20 - 14.60)	3.880 (0.770 - 4.850)	17.39	97
22+22+80	2.22	2.22	8.06				12.50 (3.20 - 14.70)	3.960 (0.770 - 4.750)	17.75	97
22+25+25	3.21	3.65	3.65				10.50 (3.20 - 13.20)	2.820 (0.770 - 4.280)	12.64	97
22+25+35	2.98	3.38	4.74				11.10 (3.20 - 13.70)	3.180 (0.770 - 4.440)	14.25	97
22+25+42	2.82	3.20	5.38				11.40 (3.20 - 14.00)	3.370 (0.770 - 4.630)	15.11	97
22+25+50	2.65	3.02	6.03				11.70 (3.20 - 14.20)	3.560 (0.770 - 4.750)	15.96	97
22+25+60	2.49	2.83	6.79				12.10 (3.20 - 14.50)	3.790 (0.770 - 4.940)	16.99	97
22+25+71	2.31	2.63	7.46				12.40 (3.20 - 14.60)	3.920 (0.770 - 4.850)	17.57	97
22+25+80	2.18	2.48	7.94				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
22+35+35	2.75	4.38	4.38				11.50 (3.20 - 14.10)	3.430 (0.770 - 4.690)	15.37	97
22+35+42	2.62	4.17	5.01				11.80 (3.20 - 14.30)	3.620 (0.770 - 4.820)	16.23	97
22+35+50	2.49	3.96	5.65				12.10 (3.20 - 14.50)	3.790 (0.770 - 4.940)	16.99	97
22+35+60	2.31	3.68	6.31				12.30 (3.20 - 14.60)	3.880 (0.770 - 4.850)	17.39	97
22+35+71	2.17	3.45	6.99				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
22+35+80	2.06	3.27	7.47				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
22+42+42	2.49	4.75	4.75				12.00 (3.20 - 14.50)	3.750 (0.770 - 4.940)	16.81	97
22+42+50	2.37	4.53	5.39				12.30 (3.20 - 14.60)	3.880 (0.770 - 4.850)	17.39	97
22+42+60	2.22	4.23	6.05				12.50 (3.20 - 14.70)	3.960 (0.770 - 4.750)	17.75	97
22+42+71	2.09	3.98	6.73				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
22+42+80	1.99	3.79	7.22				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
22+50+50	2.25	5.12	5.12				12.50 (3.20 - 14.70)	3.960 (0.770 - 4.750)	17.75	97
22+50+60	2.12	4.81	5.77				12.70 (3.20 - 14.70)	4.010 (0.770 - 4.750)	17.97	97
22+50+71	2.00	4.55	6.45				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
22+50+80	1.90	4.31	6.89				13.10 (3.20 - 14.80)	4.050 (0.770 - 4.560)	18.15	97
22+60+60	2.00	5.45	5.45				12.90 (3.20 - 14.80)	4.030 (0.770 - 4.560)	18.06	97
22+60+71	1.88	5.14	6.08				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
22+60+80	1.78	4.85	6.47				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
22+71+71	1.76	5.67	5.67				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
22+71+80	1.68	5.42	6.10				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
25+25+25	3.60	3.60	3.60				10.80 (3.20 - 13.50)	2.990 (0.770 - 4.320)	13.40	97
25+25+35	3.29	3.29	4.61				11.20 (3.20 - 13.80)	3.240 (0.770 - 4.510)	14.52	97
25+25+42	3.13	3.13	5.25				11.50 (3.20 - 14.10)	3.430 (0.770 - 4.690)	15.37	97
25+25+50	2.95	2.95	5.90				11.80 (3.20 - 14.30)	3.620 (0.770 - 4.820)	16.23	97
25+25+60	2.75	2.75	6.60				12.10 (3.20 - 14.50)	3.790 (0.770 - 4.940)	16.99	97
25+25+71	2.58	2.58	7.33				12.50 (3.20 - 14.70)	3.960 (0.770 - 4.750)	17.75	97
25+25+80	2.44	2.44	7.82				12.70 (3.20 - 14.70)	4.010 (0.770 - 4.750)	17.97	97
25+35+35	3.05	4.27	4.27				11.60 (3.20 - 14.20)	3.500 (0.770 - 4.750)	15.69	97
25+35+42	2.92	4.08	4.90				11.90 (3.20 - 14.40)	3.690 (0.770 - 4.880)	16.54	97
25+35+50	2.75	3.85	5.50				12.10 (3.20 - 14.50)	3.790 (0.770 - 4.940)	16.99	97
25+35+60	2.58	3.62	6.20				12.40 (3.20 - 14.60)	3.920 (0.770 - 4.850)	17.57	97
25+35+71	2.42	3.39	6.88				12.70 (3.20 - 14.70)	4.010 (0.770 - 4.750)	17.97	97
25+35+80	2.30	3.23	7.37				12.90 (3.20 - 14.80)	4.030 (0.770 - 4.560)	18.06	97
25+42+42	2.78	4.66	4.66				12.10 (3.20 - 14.50)	3.790 (0.770 - 4.940)	16.99	97
25+42+50	2.63	4.42	5.26				12.30 (3.20 - 14.60)	3.880 (0.770 - 4.850)	17.39	97
25+42+60	2.48	4.17	5.95				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
25+42+71	2.34	3.93	6.64				12.90 (3.20 - 14.80)	4.030 (0.770 - 4.560)	18.06	97

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Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+42+80	2.21	3.71	7.07				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
25+50+50	2.52	5.04	5.04				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
25+50+60	2.37	4.74	5.69				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
25+50+71	2.23	4.45	6.32				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
25+50+80	2.11	4.23	6.76				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
25+60+60	2.24	5.38	5.38				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
25+60+71	2.10	5.04	5.96				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
25+60+80	2.00	4.80	6.40				13.20 (3.20 - 15.10)	3.900 (0.770 - 4.600)	17.48	97
25+71+71	1.98	5.61	5.61				13.20 (3.20 - 15.10)	3.900 (0.760 - 4.600)	17.48	97
25+71+80	1.88	5.33	6.00				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
35+35+35	4.00	4.00	4.00				12.00 (3.20 - 14.50)	3.750 (0.770 - 4.940)	16.81	97
35+35+42	3.81	3.81	4.58				12.20 (3.20 - 14.60)	3.830 (0.770 - 4.850)	17.17	97
35+35+50	3.62	3.62	5.17				12.40 (3.20 - 14.60)	3.920 (0.770 - 4.850)	17.57	97
35+35+60	3.42	3.42	5.86				12.70 (3.20 - 14.70)	4.010 (0.770 - 4.750)	17.97	97
35+35+71	3.20	3.20	6.50				12.90 (3.20 - 14.80)	4.030 (0.770 - 4.560)	18.06	97
35+35+80	3.06	3.06	6.99				13.10 (3.20 - 14.80)	4.050 (0.770 - 4.560)	18.15	97
35+42+42	3.65	4.38	4.38				12.40 (3.20 - 14.60)	3.920 (0.770 - 4.850)	17.57	97
35+42+50	3.47	4.17	4.96				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
35+42+60	3.27	3.92	5.61				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
35+42+71	3.10	3.72	6.28				13.10 (3.20 - 14.80)	4.050 (0.770 - 4.560)	18.15	97
35+42+80	2.92	3.50	6.68				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
35+50+50	3.32	4.74	4.74				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
35+50+60	3.14	4.48	5.38				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
35+50+71	2.94	4.20	5.96				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
35+50+80	2.80	4.00	6.40				13.20 (3.20 - 15.10)	3.900 (0.770 - 4.600)	17.48	97
35+60+60	2.96	5.07	5.07				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
35+60+71	2.78	4.77	5.65				13.20 (3.20 - 15.10)	3.900 (0.760 - 4.600)	17.48	97
35+60+80	2.64	4.53	6.03				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
35+71+71	2.61	5.29	5.29				13.20 (3.20 - 15.30)	3.900 (0.760 - 4.620)	17.48	97
42+42+42	4.20	4.20	4.20				12.60 (3.20 - 14.70)	4.000 (0.770 - 4.750)	17.93	97
42+42+50	4.01	4.01	4.78				12.80 (3.20 - 14.70)	4.020 (0.770 - 4.750)	18.02	97
42+42+60	3.79	3.79	5.42				13.00 (3.20 - 14.80)	4.040 (0.770 - 4.560)	18.11	97
42+42+71	3.55	3.55	6.00				13.10 (3.20 - 14.90)	4.050 (0.770 - 4.570)	18.15	97
42+42+80	3.35	3.35	6.39				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
42+50+50	3.82	4.54	4.54				12.90 (3.20 - 14.80)	4.030 (0.770 - 4.560)	18.06	97
42+50+60	3.62	4.31	5.17				13.10 (3.20 - 14.80)	4.050 (0.770 - 4.560)	18.15	97
42+50+71	3.38	4.02	5.71				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
42+50+80	3.22	3.84	6.14				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
42+60+60	3.40	4.85	4.85				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
42+60+71	3.20	4.58	5.42				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
50+50+50	4.37	4.37	4.37				13.10 (3.20 - 14.80)	4.050 (0.770 - 4.560)	18.15	97
50+50+60	4.09	4.09	4.91				13.10 (3.20 - 15.00)	4.050 (0.770 - 4.580)	18.15	97
50+50+71	3.86	3.86	5.48				13.20 (3.20 - 15.20)	3.900 (0.760 - 4.610)	17.48	97
50+50+80	3.67	3.67	5.87				13.20 (3.20 - 15.30)	3.900 (0.760 - 4.620)	17.48	97
50+60+60	3.88	4.66	4.66				13.20 (3.20 - 15.10)	3.900 (0.760 - 4.600)	17.48	97
60+60+60	4.40	4.40	4.40				13.20 (3.20 - 15.30)	3.900 (0.760 - 4.620)	17.48	97
22+22+22+22	2.85	2.85	2.85	2.85			11.40 (3.20 - 14.60)	2.800 (0.760 - 4.050)	12.30	99
22+22+22+25	2.80	2.80	2.80	3.19			11.60 (3.20 - 14.70)	2.890 (0.760 - 4.120)	12.69	99

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Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+22+22+35	2.61	2.61	2.61	4.16			12.00 (3.20 - 14.90)	3.070 (0.760 - 4.250)	13.48	99
22+22+22+42	2.49	2.49	2.49	4.74			12.20 (3.20 - 14.90)	3.190 (0.760 - 4.250)	14.01	99
22+22+22+50	2.37	2.37	2.37	5.39			12.50 (3.20 - 14.90)	3.370 (0.760 - 4.250)	14.80	99
22+22+22+60	2.23	2.23	2.23	6.10			12.80 (3.20 - 15.00)	3.550 (0.760 - 4.720)	15.59	99
22+22+22+71	2.10	2.10	2.10	6.79			13.10 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
22+22+22+80	1.99	1.99	1.99	7.23			13.20 (3.20 - 15.00)	3.750 (0.760 - 4.720)	16.47	99
22+22+25+25	2.74	2.74	3.11	3.11			11.70 (3.20 - 14.80)	2.940 (0.760 - 4.180)	12.91	99
22+22+25+35	2.56	2.56	2.91	4.07			12.10 (3.20 - 14.90)	3.130 (0.760 - 4.250)	13.75	99
22+22+25+42	2.44	2.44	2.77	4.65			12.30 (3.20 - 14.90)	3.250 (0.760 - 4.250)	14.27	99
22+22+25+50	2.33	2.33	2.65	5.29			12.60 (3.20 - 14.90)	3.430 (0.760 - 4.250)	15.06	99
22+22+25+60	2.20	2.20	2.50	6.00			12.90 (3.20 - 15.00)	3.610 (0.760 - 4.720)	15.85	99
22+22+25+71	2.07	2.07	2.36	6.69			13.20 (3.20 - 15.00)	3.790 (0.760 - 4.720)	16.64	99
22+22+25+80	1.95	1.95	2.21	7.09			13.20 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
22+22+35+35	2.39	2.39	3.81	3.81			12.40 (3.20 - 14.90)	3.310 (0.760 - 4.250)	14.54	99
22+22+35+42	2.29	2.29	3.64	4.37			12.60 (3.20 - 15.00)	3.430 (0.760 - 4.720)	15.06	99
22+22+35+50	2.20	2.20	3.50	5.00			12.90 (3.20 - 15.00)	3.610 (0.760 - 4.720)	15.85	99
22+22+35+60	2.09	2.09	3.32	5.70			13.20 (3.20 - 15.00)	3.790 (0.760 - 4.720)	16.64	99
22+22+35+71	1.94	1.94	3.08	6.25			13.20 (3.20 - 15.00)	3.720 (0.760 - 4.720)	16.34	99
22+22+35+80	1.83	1.83	2.91	6.64			13.20 (3.20 - 15.10)	3.660 (0.760 - 4.500)	16.07	99
22+22+42+42	2.20	2.20	4.20	4.20			12.80 (3.20 - 15.00)	3.550 (0.760 - 4.720)	15.59	99
22+22+42+50	2.12	2.12	4.05	4.82			13.10 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
22+22+42+60	1.99	1.99	3.80	5.42			13.20 (3.20 - 15.00)	3.750 (0.760 - 4.720)	16.47	99
22+22+42+71	1.85	1.85	3.53	5.97			13.20 (3.20 - 15.10)	3.670 (0.760 - 4.500)	16.12	99
22+22+42+80	1.75	1.75	3.34	6.36			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
22+22+50+50	2.02	2.02	4.58	4.58			13.20 (3.20 - 15.00)	3.760 (0.760 - 4.720)	16.51	99
22+22+50+60	1.89	1.89	4.29	5.14			13.20 (3.20 - 15.10)	3.700 (0.760 - 4.500)	16.25	99
22+22+50+71	1.76	1.76	4.00	5.68			13.20 (3.20 - 15.10)	3.620 (0.760 - 4.500)	15.90	99
22+22+50+80	1.67	1.67	3.79	6.07			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+22+60+60	1.77	1.77	4.83	4.83			13.20 (3.20 - 15.10)	3.630 (0.760 - 4.500)	15.94	99
22+22+60+71	1.66	1.66	4.53	5.36			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+25+25+25	2.70	3.07	3.07	3.07			11.90 (3.20 - 14.80)	3.030 (0.760 - 4.180)	13.31	99
22+25+25+35	2.51	2.85	2.85	3.99			12.20 (3.20 - 14.90)	3.190 (0.760 - 4.250)	14.01	99
22+25+25+42	2.39	2.72	2.72	4.57			12.40 (3.20 - 14.90)	3.310 (0.760 - 4.250)	14.54	99
22+25+25+50	2.29	2.60	2.60	5.20			12.70 (3.20 - 15.00)	3.490 (0.760 - 4.720)	15.33	99
22+25+25+60	2.17	2.46	2.46	5.91			13.00 (3.20 - 15.00)	3.670 (0.760 - 4.720)	16.12	99
22+25+25+71	2.03	2.31	2.31	6.55			13.20 (3.20 - 15.00)	3.770 (0.760 - 4.720)	16.56	99
22+25+25+80	1.91	2.17	2.17	6.95			13.20 (3.20 - 15.00)	3.710 (0.760 - 4.720)	16.29	99
22+25+35+35	2.35	2.67	3.74	3.74			12.50 (3.20 - 14.90)	3.370 (0.760 - 4.250)	14.80	99
22+25+35+42	2.25	2.56	3.58	4.30			12.70 (3.20 - 15.00)	3.490 (0.760 - 4.720)	15.33	99
22+25+35+50	2.17	2.46	3.45	4.92			13.00 (3.20 - 15.00)	3.670 (0.760 - 4.720)	16.12	99
22+25+35+60	2.05	2.32	3.25	5.58			13.20 (3.20 - 15.00)	3.780 (0.760 - 4.720)	16.60	99
22+25+35+71	1.90	2.16	3.02	6.13			13.20 (3.20 - 15.00)	3.700 (0.760 - 4.720)	16.25	99
22+25+35+80	1.79	2.04	2.85	6.52			13.20 (3.20 - 15.10)	3.640 (0.760 - 4.500)	15.99	99
22+25+42+42	2.17	2.46	4.14	4.14			12.90 (3.20 - 15.00)	3.610 (0.760 - 4.720)	15.85	99
22+25+42+50	2.09	2.37	3.99	4.75			13.20 (3.20 - 15.00)	3.790 (0.760 - 4.720)	16.64	99
22+25+42+60	1.95	2.21	3.72	5.32			13.20 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
22+25+42+71	1.82	2.06	3.47	5.86			13.20 (3.20 - 15.10)	3.650 (0.760 - 4.500)	16.03	99
22+25+42+80	1.72	1.95	3.28	6.25			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99

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Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+25+50+50	1.98	2.24	4.49	4.49			13.20 (3.20 - 15.00)	3.740 (0.760 - 4.720)	16.43	99
22+25+50+60	1.85	2.10	4.20	5.04			13.20 (3.20 - 15.10)	3.670 (0.760 - 4.500)	16.12	99
22+25+50+71	1.73	1.96	3.93	5.58			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+25+50+80	1.64	1.86	3.73	5.97			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+25+60+60	1.74	1.98	4.74	4.74			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
22+25+60+71	1.63	1.85	4.45	5.27			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+35+35+35	2.22	3.53	3.53	3.53			12.80 (3.20 - 15.00)	3.550 (0.760 - 4.720)	15.59	99
22+35+35+42	2.13	3.40	3.40	4.07			13.00 (3.20 - 15.00)	3.670 (0.760 - 4.720)	16.12	99
22+35+35+50	2.05	3.25	3.25	4.65			13.20 (3.20 - 15.00)	3.780 (0.760 - 4.720)	16.60	99
22+35+35+60	1.91	3.04	3.04	5.21			13.20 (3.20 - 15.00)	3.710 (0.760 - 4.720)	16.29	99
22+35+35+71	1.78	2.83	2.83	5.75			13.20 (3.20 - 15.10)	3.630 (0.760 - 4.500)	15.94	99
22+35+35+80	1.69	2.69	2.69	6.14			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+35+42+42	2.06	3.28	3.93	3.93			13.20 (3.20 - 15.00)	3.780 (0.760 - 4.720)	16.60	99
22+35+42+50	1.95	3.10	3.72	4.43			13.20 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
22+35+42+60	1.83	2.91	3.49	4.98			13.20 (3.20 - 15.10)	3.660 (0.760 - 4.500)	16.07	99
22+35+42+71	1.71	2.72	3.26	5.51			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+35+42+80	1.62	2.58	3.10	5.90			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+35+50+50	1.85	2.94	4.20	4.20			13.20 (3.20 - 15.10)	3.670 (0.760 - 4.500)	16.12	99
22+35+50+60	1.74	2.77	3.95	4.74			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
22+35+50+71	1.63	2.60	3.71	5.27			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+35+60+60	1.64	2.61	4.47	4.47			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+42+42+42	1.96	3.75	3.75	3.75			13.20 (3.20 - 15.00)	3.740 (0.760 - 4.720)	16.43	99
22+42+42+50	1.86	3.55	3.55	4.23			13.20 (3.20 - 15.10)	3.680 (0.760 - 4.500)	16.16	99
22+42+42+60	1.75	3.34	3.34	4.77			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
22+42+42+71	1.64	3.13	3.13	5.29			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+42+50+50	1.77	3.38	4.02	4.02			13.20 (3.20 - 15.10)	3.630 (0.760 - 4.500)	15.94	99
22+42+50+60	1.67	3.19	3.79	4.55			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+50+50+50	1.69	3.84	3.84	3.84			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+25+25+25	3.00	3.00	3.00	3.00			12.00 (3.20 - 14.90)	3.070 (0.760 - 4.250)	13.48	99
25+25+25+35	2.80	2.80	2.80	3.91			12.30 (3.20 - 14.90)	3.250 (0.760 - 4.250)	14.27	99
25+25+25+42	2.67	2.67	2.67	4.49			12.50 (3.20 - 14.90)	3.370 (0.760 - 4.250)	14.80	99
25+25+25+50	2.56	2.56	2.56	5.12			12.80 (3.20 - 15.00)	3.550 (0.760 - 4.720)	15.59	99
25+25+25+60	2.43	2.43	2.43	5.82			13.10 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
25+25+25+71	2.26	2.26	2.26	6.42			13.20 (3.20 - 15.00)	3.750 (0.760 - 4.720)	16.47	99
25+25+25+80	2.13	2.13	2.13	6.81			13.20 (3.20 - 15.10)	3.690 (0.760 - 4.500)	16.21	99
25+25+35+35	2.63	2.63	3.68	3.68			12.60 (3.20 - 15.00)	3.430 (0.760 - 4.720)	15.06	99
25+25+35+42	2.52	2.52	3.53	4.23			12.80 (3.20 - 15.00)	3.550 (0.760 - 4.720)	15.59	99
25+25+35+50	2.43	2.43	3.40	4.85			13.10 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
25+25+35+60	2.28	2.28	3.19	5.46			13.20 (3.20 - 15.00)	3.760 (0.760 - 4.720)	16.51	99
25+25+35+71	2.12	2.12	2.96	6.01			13.20 (3.20 - 15.10)	3.680 (0.760 - 4.500)	16.16	99
25+25+35+80	2.00	2.00	2.80	6.40			13.20 (3.20 - 15.10)	3.620 (0.760 - 4.500)	15.90	99
25+25+42+42	2.43	2.43	4.07	4.07			13.00 (3.20 - 15.00)	3.670 (0.760 - 4.720)	16.12	99
25+25+42+50	2.32	2.32	3.90	4.65			13.20 (3.20 - 15.00)	3.780 (0.760 - 4.720)	16.60	99
25+25+42+60	2.17	2.17	3.65	5.21			13.20 (3.20 - 15.00)	3.710 (0.760 - 4.720)	16.29	99
25+25+42+71	2.02	2.02	3.40	5.75			13.20 (3.20 - 15.10)	3.630 (0.760 - 4.500)	15.94	99
25+25+42+80	1.92	1.92	3.22	6.14			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+25+50+50	2.20	2.20	4.40	4.40			13.20 (3.20 - 15.00)	3.720 (0.760 - 4.720)	16.34	99
25+25+50+60	2.06	2.06	4.13	4.95			13.20 (3.20 - 15.10)	3.650 (0.760 - 4.500)	16.03	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+25+50+71	1.93	1.93	3.86	5.48			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+25+50+80	1.83	1.83	3.67	5.87			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+25+60+60	1.94	1.94	4.66	4.66			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+35+35+35	2.48	3.47	3.47	3.47			12.90 (3.20 - 15.00)	3.610 (0.760 - 4.720)	15.85	99
25+35+35+42	2.39	3.35	3.35	4.02			13.10 (3.20 - 15.00)	3.730 (0.760 - 4.720)	16.38	99
25+35+35+50	2.28	3.19	3.19	4.55			13.20 (3.20 - 15.00)	3.760 (0.760 - 4.720)	16.51	99
25+35+35+60	2.13	2.98	2.98	5.11			13.20 (3.20 - 15.10)	3.690 (0.760 - 4.500)	16.21	99
25+35+35+71	1.99	2.78	2.78	5.65			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
25+35+35+80	1.89	2.64	2.64	6.03			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+35+42+42	2.29	3.21	3.85	3.85			13.20 (3.20 - 15.00)	3.760 (0.760 - 4.720)	16.51	99
25+35+42+50	2.17	3.04	3.65	4.34			13.20 (3.20 - 15.00)	3.710 (0.760 - 4.720)	16.29	99
25+35+42+60	2.04	2.85	3.42	4.89			13.20 (3.20 - 15.10)	3.640 (0.760 - 4.500)	15.99	99
25+35+42+71	1.91	2.67	3.20	5.42			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+35+50+50	2.06	2.89	4.13	4.13			13.20 (3.20 - 15.10)	3.650 (0.760 - 4.500)	16.03	99
25+35+50+60	1.94	2.72	3.88	4.66			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+35+60+60	1.83	2.57	4.40	4.40			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+42+42+42	2.19	3.67	3.67	3.67			13.20 (3.20 - 15.00)	3.720 (0.760 - 4.720)	16.34	99
25+42+42+50	2.08	3.49	3.49	4.15			13.20 (3.20 - 15.10)	3.660 (0.760 - 4.500)	16.07	99
25+42+42+60	1.95	3.28	3.28	4.69			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+42+42+71	1.83	3.08	3.08	5.21			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+42+50+50	1.98	3.32	3.95	3.95			13.20 (3.20 - 15.10)	3.610 (0.760 - 4.500)	15.85	99
25+42+50+60	1.86	3.13	3.73	4.47			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
25+50+50+50	1.89	3.77	3.77	3.77			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+35+35+35	3.30	3.30	3.30	3.30			13.20 (3.20 - 15.00)	3.790 (0.760 - 4.720)	16.64	99
35+35+35+42	3.14	3.14	3.14	3.77			13.20 (3.20 - 15.00)	3.740 (0.760 - 4.720)	16.43	99
35+35+35+50	2.98	2.98	2.98	4.26			13.20 (3.20 - 15.10)	3.690 (0.760 - 4.500)	16.21	99
35+35+35+60	2.80	2.80	2.80	4.80			13.20 (3.20 - 15.10)	3.620 (0.760 - 4.500)	15.90	99
35+35+35+71	2.63	2.63	2.63	5.33			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+35+42+42	3.00	3.00	3.60	3.60			13.20 (3.20 - 15.10)	3.700 (0.760 - 4.500)	16.25	99
35+35+42+50	2.85	2.85	3.42	4.07			13.20 (3.20 - 15.10)	3.640 (0.760 - 4.500)	15.99	99
35+35+42+60	2.69	2.69	3.22	4.60			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+35+50+50	2.72	2.72	3.88	3.88			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+35+50+60	2.57	2.57	3.67	4.40			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+42+42+42	2.87	3.44	3.44	3.44			13.20 (3.20 - 15.10)	3.650 (0.760 - 4.500)	16.03	99
35+42+42+50	2.73	3.28	3.28	3.91			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+42+42+60	2.58	3.10	3.10	4.42			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
35+42+50+50	2.61	3.13	3.73	3.73			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
42+42+42+42	3.30	3.30	3.30	3.30			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
42+42+42+50	3.15	3.15	3.15	3.75			13.20 (3.20 - 15.10)	3.600 (0.760 - 4.500)	15.81	99
22+22+22+22+22	2.50	2.50	2.50	2.50	2.50		12.50 (3.50 - 15.00)	3.130 (0.770 - 4.460)	13.75	99
22+22+22+22+25	2.43	2.43	2.43	2.43	2.77		12.50 (3.50 - 15.00)	3.140 (0.770 - 4.480)	13.79	99
22+22+22+22+35	2.27	2.27	2.27	2.27	3.61		12.70 (3.50 - 15.10)	3.170 (0.770 - 4.540)	13.92	99
22+22+22+22+42	2.17	2.17	2.17	2.17	4.14		12.80 (3.50 - 15.20)	3.200 (0.770 - 4.590)	14.05	99
22+22+22+22+50	2.06	2.06	2.06	2.06	4.67		12.90 (3.50 - 15.30)	3.220 (0.770 - 4.640)	14.14	99
22+22+22+22+60	1.93	1.93	1.93	1.93	5.27		13.00 (3.50 - 15.40)	3.260 (0.770 - 4.700)	14.32	99
22+22+22+22+71	1.83	1.83	1.83	1.83	5.89		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.770)	14.49	99
22+22+22+22+80	1.74	1.74	1.74	1.74	6.33		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
22+22+22+25+25	2.39	2.39	2.39	2.72	2.72		12.60 (3.50 - 15.10)	3.150 (0.770 - 4.500)	13.83	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+22+22+25+35	2.22	2.22	2.22	2.52	3.53		12.70 (3.50 - 15.10)	3.180 (0.770 - 4.560)	13.97	99
22+22+22+25+42	2.12	2.12	2.12	2.41	4.04		12.80 (3.50 - 15.20)	3.210 (0.770 - 4.610)	14.10	99
22+22+22+25+50	2.01	2.01	2.01	2.29	4.57		12.90 (3.50 - 15.30)	3.230 (0.770 - 4.660)	14.19	99
22+22+22+25+60	1.91	1.91	1.91	2.17	5.21		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.720)	14.36	99
22+22+22+25+71	1.79	1.79	1.79	2.04	5.79		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.790)	14.54	99
22+22+22+25+80	1.71	1.71	1.71	1.94	6.22		13.30 (3.50 - 15.60)	3.340 (0.770 - 4.840)	14.67	99
22+22+22+35+35	2.09	2.09	2.09	3.32	3.32		12.90 (3.50 - 15.20)	3.220 (0.770 - 4.620)	14.14	99
22+22+22+35+42	2.00	2.00	2.00	3.18	3.82		13.00 (3.50 - 15.30)	3.240 (0.770 - 4.670)	14.23	99
22+22+22+35+50	1.91	1.91	1.91	3.04	4.34		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.720)	14.36	99
22+22+22+35+60	1.80	1.80	1.80	2.87	4.92		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.780)	14.49	99
22+22+22+35+71	1.71	1.71	1.71	2.73	5.53		13.40 (3.50 - 15.60)	3.340 (0.770 - 4.850)	14.67	99
22+22+22+42+42	1.92	1.92	1.92	3.67	3.67		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.710)	14.36	99
22+22+22+42+50	1.84	1.84	1.84	3.51	4.18		13.20 (3.50 - 15.40)	3.290 (0.770 - 4.760)	14.45	99
22+22+22+42+60	1.74	1.74	1.74	3.33	4.75		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
22+22+22+42+71	1.65	1.65	1.65	3.14	5.32		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+22+50+50	1.76	1.76	1.76	4.01	4.01		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.810)	14.58	99
22+22+22+50+60	1.68	1.68	1.68	3.81	4.57		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+25+25+25	2.33	2.33	2.65	2.65	2.65		12.60 (3.50 - 15.10)	3.160 (0.770 - 4.520)	13.88	99
22+22+25+25+35	2.18	2.18	2.48	2.48	3.47		12.80 (3.50 - 15.20)	3.190 (0.770 - 4.580)	14.01	99
22+22+25+25+42	2.09	2.09	2.37	2.37	3.98		12.90 (3.50 - 15.20)	3.220 (0.770 - 4.620)	14.14	99
22+22+25+25+50	1.99	1.99	2.26	2.26	4.51		13.00 (3.50 - 15.30)	3.250 (0.770 - 4.670)	14.27	99
22+22+25+25+60	1.87	1.87	2.13	2.13	5.10		13.10 (3.50 - 15.40)	3.280 (0.770 - 4.740)	14.40	99
22+22+25+25+71	1.77	1.77	2.02	2.02	5.72		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.810)	14.58	99
22+22+25+25+80	1.69	1.69	1.93	1.93	6.16		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.860)	14.71	99
22+22+25+35+35	2.04	2.04	2.32	3.25	3.25		12.90 (3.50 - 15.30)	3.230 (0.770 - 4.640)	14.19	99
22+22+25+35+42	1.96	1.96	2.23	3.12	3.74		13.00 (3.50 - 15.30)	3.250 (0.770 - 4.690)	14.27	99
22+22+25+35+50	1.87	1.87	2.13	2.98	4.25		13.10 (3.50 - 15.40)	3.280 (0.770 - 4.740)	14.40	99
22+22+25+35+60	1.77	1.77	2.01	2.82	4.83		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.800)	14.54	99
22+22+25+35+71	1.68	1.68	1.91	2.68	5.44		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+25+42+42	1.88	1.88	2.14	3.60	3.60		13.10 (3.50 - 15.40)	3.280 (0.770 - 4.730)	14.40	99
22+22+25+42+50	1.80	1.80	2.05	3.44	4.10		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.780)	14.49	99
22+22+25+42+60	1.71	1.71	1.94	3.27	4.67		13.30 (3.50 - 15.60)	3.340 (0.770 - 4.840)	14.67	99
22+22+25+50+50	1.73	1.73	1.97	3.93	3.93		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
22+22+25+50+60	1.65	1.65	1.87	3.74	4.49		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+35+35+35	1.92	1.92	3.05	3.05	3.05		13.00 (3.50 - 15.40)	3.260 (0.770 - 4.710)	14.32	99
22+22+35+35+42	1.85	1.85	2.94	2.94	3.53		13.10 (3.50 - 15.40)	3.290 (0.770 - 4.750)	14.45	99
22+22+35+35+50	1.77	1.77	2.82	2.82	4.02		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.800)	14.54	99
22+22+35+35+60	1.69	1.69	2.70	2.70	4.62		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.860)	14.71	99
22+22+35+42+42	1.78	1.78	2.83	3.40	3.40		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.790)	14.54	99
22+22+35+42+50	1.71	1.71	2.72	3.27	3.89		13.30 (3.50 - 15.60)	3.340 (0.770 - 4.840)	14.67	99
22+22+35+50+50	1.65	1.65	2.62	3.74	3.74		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+42+42+42	1.72	1.72	3.29	3.29	3.29		13.30 (3.50 - 15.60)	3.330 (0.770 - 4.840)	14.62	99
22+22+42+42+50	1.66	1.66	3.16	3.16	3.76		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+25+25+25+25	2.29	2.60	2.60	2.60	2.60		12.70 (3.50 - 15.10)	3.170 (0.770 - 4.540)	13.92	99
22+25+25+25+35	2.13	2.42	2.42	2.42	3.39		12.80 (3.50 - 15.20)	3.200 (0.770 - 4.600)	14.05	99
22+25+25+25+42	2.04	2.32	2.32	2.32	3.90		12.90 (3.50 - 15.30)	3.230 (0.770 - 4.640)	14.19	99
22+25+25+25+50	1.95	2.21	2.21	2.21	4.42		13.00 (3.50 - 15.30)	3.260 (0.770 - 4.690)	14.32	99
22+25+25+25+60	1.85	2.10	2.10	2.10	5.04		13.20 (3.50 - 15.40)	3.290 (0.770 - 4.760)	14.45	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
22+25+25+25+71	1.74	1.98	1.98	1.98	5.62		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
22+25+25+25+80	1.67	1.89	1.89	1.89	6.06		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+25+25+35+35	2.00	2.27	2.27	3.18	3.18		12.90 (3.50 - 15.30)	3.240 (0.770 - 4.660)	14.23	99
22+25+25+35+42	1.92	2.18	2.18	3.05	3.66		13.00 (3.50 - 15.40)	3.260 (0.770 - 4.710)	14.32	99
22+25+25+35+50	1.85	2.10	2.10	2.94	4.20		13.20 (3.50 - 15.40)	3.290 (0.770 - 4.760)	14.45	99
22+25+25+35+60	1.75	1.99	1.99	2.79	4.78		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.820)	14.58	99
22+25+25+35+71	1.66	1.88	1.88	2.63	5.34		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+25+25+42+42	1.85	2.10	2.10	3.53	3.53		13.10 (3.50 - 15.40)	3.290 (0.770 - 4.750)	14.45	99
22+25+25+42+50	1.77	2.01	2.01	3.38	4.02		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.800)	14.54	99
22+25+25+42+60	1.69	1.93	1.93	3.23	4.62		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.860)	14.71	99
22+25+25+50+50	1.71	1.95	1.95	3.90	3.90		13.40 (3.50 - 15.60)	3.340 (0.770 - 4.850)	14.67	99
22+25+35+35+35	1.90	2.15	3.02	3.02	3.02		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.720)	14.36	99
22+25+35+35+42	1.83	2.08	2.91	2.91	3.49		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.770)	14.49	99
22+25+35+35+50	1.75	1.99	2.79	2.79	3.98		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.820)	14.58	99
22+25+35+35+60	1.67	1.89	2.65	2.65	4.54		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+25+35+42+42	1.76	2.00	2.80	3.37	3.37		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.810)	14.58	99
22+25+35+42+50	1.69	1.93	2.70	3.23	3.85		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.860)	14.71	99
22+25+42+42+42	1.70	1.94	3.25	3.25	3.25		13.40 (3.50 - 15.60)	3.340 (0.770 - 4.860)	14.67	99
22+35+35+35+35	1.79	2.85	2.85	2.85	2.85		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.790)	14.54	99
22+35+35+35+42	1.73	2.75	2.75	2.75	3.31		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
22+35+35+35+50	1.67	2.65	2.65	2.65	3.79		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+35+35+42+42	1.68	2.66	2.66	3.20	3.20		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+25+25+25	2.54	2.54	2.54	2.54	2.54		12.70 (3.50 - 15.10)	3.180 (0.770 - 4.550)	13.97	99
25+25+25+25+35	2.37	2.37	2.37	2.37	3.32		12.80 (3.50 - 15.20)	3.210 (0.770 - 4.620)	14.10	99
25+25+25+25+42	2.27	2.27	2.27	2.27	3.82		12.90 (3.50 - 15.30)	3.240 (0.770 - 4.660)	14.23	99
25+25+25+25+50	2.18	2.18	2.18	2.18	4.37		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.710)	14.36	99
25+25+25+25+60	2.06	2.06	2.06	2.06	4.95		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.780)	14.49	99
25+25+25+25+71	1.94	1.94	1.94	1.94	5.52		13.30 (3.50 - 15.60)	3.340 (0.770 - 4.840)	14.67	99
25+25+25+25+80	1.86	1.86	1.86	1.86	5.96		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+25+35+35	2.24	2.24	2.24	3.14	3.14		13.00 (3.50 - 15.30)	3.250 (0.770 - 4.680)	14.27	99
25+25+25+35+42	2.15	2.15	2.15	3.02	3.62		13.10 (3.50 - 15.40)	3.270 (0.770 - 4.720)	14.36	99
25+25+25+35+50	2.06	2.06	2.06	2.89	4.13		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.780)	14.49	99
25+25+25+35+60	1.96	1.96	1.96	2.74	4.69		13.30 (3.50 - 15.60)	3.330 (0.770 - 4.840)	14.62	99
25+25+25+42+42	2.08	2.08	2.08	3.49	3.49		13.20 (3.50 - 15.50)	3.300 (0.770 - 4.770)	14.49	99
25+25+25+42+50	1.99	1.99	1.99	3.34	3.98		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.820)	14.58	99
25+25+25+42+60	1.89	1.89	1.89	3.18	4.54		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+25+50+50	1.91	1.91	1.91	3.83	3.83		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+35+35+35	2.11	2.11	2.96	2.96	2.96		13.10 (3.50 - 15.40)	3.280 (0.770 - 4.740)	14.40	99
25+25+35+35+42	2.04	2.04	2.85	2.85	3.42		13.20 (3.50 - 15.50)	3.310 (0.770 - 4.790)	14.54	99
25+25+35+35+50	1.96	1.96	2.74	2.74	3.91		13.30 (3.50 - 15.60)	3.330 (0.770 - 4.840)	14.62	99
25+25+35+35+60	1.86	1.86	2.61	2.61	4.47		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+35+42+42	1.97	1.97	2.75	3.31	3.31		13.30 (3.50 - 15.50)	3.330 (0.770 - 4.830)	14.62	99
25+25+35+42+50	1.89	1.89	2.65	3.18	3.79		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+25+42+42+42	1.90	1.90	3.20	3.20	3.20		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+35+35+35+35	2.02	2.82	2.82	2.82	2.82		13.30 (3.50 - 15.50)	3.320 (0.770 - 4.810)	14.58	99
25+35+35+35+42	1.95	2.73	2.73	2.73	3.27		13.40 (3.50 - 15.60)	3.340 (0.770 - 4.850)	14.67	99
25+35+35+35+50	1.86	2.61	2.61	2.61	3.72		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
25+35+35+42+42	1.87	2.62	2.62	3.14	3.14		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
35+35+35+35+35	2.68	2.68	2.68	2.68	2.68		13.40 (3.50 - 15.60)	3.350 (0.770 - 4.870)	14.71	99
22+22+22+22+22+22	2.17	2.17	2.17	2.17	2.17	2.17	13.00 (3.50 - 16.50)	3.520 (0.760 - 5.100)	15.46	99
22+22+22+22+22+25	2.13	2.13	2.13	2.13	2.13	2.43	13.10 (3.50 - 16.50)	3.540 (0.760 - 5.110)	15.55	99
22+22+22+22+22+35	2.03	2.03	2.03	2.03	2.03	3.23	13.40 (3.50 - 16.50)	3.590 (0.760 - 5.140)	15.77	99
22+22+22+22+22+42	1.95	1.95	1.95	1.95	1.95	3.73	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+22+50	1.86	1.86	1.86	1.86	1.86	4.22	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+22+60	1.75	1.75	1.75	1.75	1.75	4.76	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+25+25	2.10	2.10	2.10	2.10	2.39	2.39	13.20 (3.50 - 16.50)	3.550 (0.760 - 5.120)	15.59	99
22+22+22+22+25+35	1.99	1.99	1.99	1.99	2.26	3.17	13.40 (3.50 - 16.50)	3.600 (0.760 - 5.140)	15.81	99
22+22+22+22+25+42	1.92	1.92	1.92	1.92	2.18	3.66	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+25+50	1.82	1.82	1.82	1.82	2.07	4.14	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+25+60	1.72	1.72	1.72	1.72	1.95	4.68	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+35+35	1.88	1.88	1.88	1.88	2.99	2.99	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+35+42	1.80	1.80	1.80	1.80	2.86	3.44	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+35+50	1.72	1.72	1.72	1.72	2.73	3.90	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+42+42	1.73	1.73	1.73	1.73	3.30	3.30	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+22+42+50	1.65	1.65	1.65	1.65	3.15	3.75	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+25+25	2.08	2.08	2.08	2.36	2.36	2.36	13.30 (3.50 - 16.50)	3.570 (0.760 - 5.130)	15.68	99
22+22+22+25+25+35	1.97	1.97	1.97	2.24	2.24	3.13	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+25+42	1.88	1.88	1.88	2.14	2.14	3.59	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+25+50	1.79	1.79	1.79	2.03	2.03	4.07	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+25+60	1.69	1.69	1.69	1.92	1.92	4.60	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+35+35	1.84	1.84	1.84	2.10	2.93	2.93	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+35+42	1.77	1.77	1.77	2.01	2.81	3.38	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+35+50	1.69	1.69	1.69	1.92	2.68	3.84	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+25+42+42	1.70	1.70	1.70	1.93	3.24	3.24	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+35+35+35	1.74	1.74	1.74	2.76	2.76	2.76	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+22+35+35+42	1.67	1.67	1.67	2.65	2.65	3.19	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+25+25	2.03	2.03	2.31	2.31	2.31	2.31	13.30 (3.50 - 16.50)	3.580 (0.760 - 5.130)	15.72	99
22+22+25+25+25+35	1.93	1.93	2.19	2.19	2.19	3.07	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+25+42	1.84	1.84	2.10	2.10	2.10	3.52	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+25+50	1.76	1.76	2.00	2.00	2.00	3.99	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+25+60	1.66	1.66	1.89	1.89	1.89	4.53	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+35+35	1.81	1.81	2.06	2.06	2.88	2.88	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+35+42	1.74	1.74	1.97	1.97	2.76	3.32	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+35+50	1.66	1.66	1.89	1.89	2.64	3.77	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+25+42+42	1.67	1.67	1.90	1.90	3.19	3.19	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+22+25+35+35+35	1.71	1.71	1.94	2.72	2.72	2.72	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+25+25+25	2.01	2.28	2.28	2.28	2.28	2.28	13.40 (3.50 - 16.50)	3.600 (0.760 - 5.140)	15.81	99
22+25+25+25+25+35	1.89	2.15	2.15	2.15	2.15	3.01	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+25+25+42	1.81	2.06	2.06	2.06	2.06	3.46	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+25+25+50	1.73	1.96	1.96	1.96	1.96	3.92	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+25+35+35	1.78	2.02	2.02	2.02	2.83	2.83	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+25+35+42	1.71	1.94	1.94	1.94	2.72	3.26	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
22+25+25+35+35+35	1.68	1.91	1.91	2.67	2.67	2.67	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+25+25+25	2.25	2.25	2.25	2.25	2.25	2.25	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+25+25+35	2.11	2.11	2.11	2.11	2.11	2.95	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+25+25+42	2.02	2.02	2.02	2.02	2.02	3.40	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99

MXZ-6D120VA HEATING

Indoor units combination	Heating capacity (kW)							Outdoor unit power consumption(kW)	Current (A)	Power factor(%)
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Total			
25+25+25+25+25+50	1.93	1.93	1.93	1.93	1.93	3.86	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+25+35+35	1.99	1.99	1.99	1.99	2.78	2.78	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+25+35+42	1.91	1.91	1.91	1.91	2.67	3.20	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99
25+25+25+35+35+35	1.88	1.88	1.88	2.63	2.63	2.63	13.50 (3.50 - 16.50)	3.612 (0.760 - 5.150)	15.86	99